

Year	Primary source	Secondary source	No. of quotes on black	Raw material / black pigment
1300 / 1400 -1430	Montpellier, Liber diversarum arcium Montpellier, Bibliothèque interuniversitaire, MS H 277.	In: Clarke (2011): p.105 [§1.5.1A], p.106 [§1.6.2], p.154 [§4.33.2] glass	3	(1) charcoal willow (char) [§1.5.1A] (2) charcoal vine (char) / [§1.5.1A] (3) pine torch (soot) / [§1.6.2] (x) black copper vitreous pigment (for glass, metal-related) / [§4.33.2]
1375 - 1400	De Arte illuminandi Neapel, National Library, MS XII.E.27.	In: Brunello (1992): p.46-47 and Schaeffel (2007) p.2	2	(1) wax candle (soot) (2) wine pomace (burnt)
1398 - 1411	Alcherius. De coloribus diversis In: Le Begue, Paris, BnF, MS Latin 6741.	In: Merrifield, Vol 1. (1849): p.300	2	(1) charcoal wood (char) (2) bark of alder and iron filings (dye)
c. 1400	Cennini. Il Libro dell' Arte (copy1) Florence, Biblioteca Medicea-Laurenziana, 590 Ms. XXIII, plut. 78. (copy 2) Florence, Biblioteca Riccardiana Ms. 2190	In: Thompson jr. (1933): p.22-23	5	(1) linseed oil, lamp (soot) (2) vine tendrils (burnt) (3) peach pits (char) (4) almond husks (char) (5) 'black stone' (geolog.)
Early 15th cent	MS Dd.vi.29 Cambridge, University Library	In: Clarke (2016): p.72 [§20]	1	(1) torch (soot) [§20]
15th cent.	MS Sloane 122 London, British Library	In: Clarke (2016): p.113 [§B5], [§B6]	2	(1) wax candle (soot) [§B6] (2) ink from burnt parchment [§B5] (x) iron gall inks [§B1-3]
15th cent.	MS Sloane 963 London, British Library	In: Clarke (2016): p.246 [§C5], [§C6]	2	(1) black chalk & 'blake balle of Flaundes' (geol.) [§C5] (2) candle,wick resin (soot) [§C6]
15th cent.	MS Rawlinson C.506 Oxford, Bodleian Library	In: Clarke (2016): p.168 [§31], [§32], [§33]	3	(1) candle of resin (soot) [§32] (2) iron gall ink (ink) [§31] (3) smith coal (geol.) [§33]
15th cent.	MS B.15 Cambridge, St. John's College	In: Clarke (2016): p.216 [§26]	1	(1) torch (soot) [§26]
1400 - 1412	Strasbourg Manuscript	In: Neven (2016): p.115	1	(1) bistre (soot)
1431	Manuscripts of Jean le Begue Copy of Eraclius, St. Audemar (end 13th beginning 14th c.?), Paris, BnF, MS Latin 6741.	In: Merrifield, Vol.1 (1849): p.138, 248	5	(1) resin (soot) (2) (soft)wood (char) (3) twigs, unspecified (char) (4) peach stones (char) (5) bark of elm with iron/grindstone particles (dye) [§173]
1431	Manuscripts of Jean le Begue Paris, BnF, MS Latin 6741: fol.1r, 4v, 6v, 8v, 9r, 10r, 13v.	In: Merrifield, Vol.1 (1849): p.24, 27, 32	11	(1) Atramentum (soot ink) (2) caligo (bister, soot) (3) carbo (char from softwoods such as willow, poplar, wine) (4) fuligo (soot) (5) fumus (wax/tallow candle, soot) (6) fuscus (soot) (7) incaustum (iron gall ink) (8) lapis niger (geol.) (9) terre niger (geol.) (10) nigri pruni (sloe? iron-tann.dye) (11) sanctonicus (soot)
1450	Göttinger Modelbook 1450, Göttingen, University Library, Uffenb. MS 51: fol.6r.		1	(1) bones (<i>Beinschwarz</i> , char)
1450 / 1500 -1512	Liber illuministarum Kloster Tegernsee. Munich, Staatsbibliothek, Cgm 821.	In: Bartl et al. (2005): p.93	2	(1) lamp black (<i>Kienschwarz</i> , soot)(2) frankincense (soot)
1454 - 1463	Cod. Germ. 1 Hamburg, Staats-u. Universitätsbibliothek, Cod. Germ. 1: fol.73r.	In: Heiles (2018): no page numbers.	2	(1) birch bark (soot) (2) deposit on cauldron (soot)
1464 - 1473	Codex latinus Monacensis Tegernsee, Munich, Staatsbibliothek, Clm 20174.	In: Neven (2016): p.37	2	(1) bones (char) (2) ivory (char)
before 1471	MS Dd.v.76 Cambridge, University Library	In: Clarke (2016): p.217 [§4]	1	(1) wax candle (soot) [§4]
1475 - 1500	Techn. und mediz. Rezepte dt. and lat., Trier, Stadtbibliothek, Hs. 1028/1959 8°: fol.27r, 30r	In: Braekman (1997): p.138 [§35], 140 [§50], 144 [§76]	2	(1) bister (soot) [§35] (2) conifer wood (soot) [§76] (3) ink [§50] (x) for printing ink: coal [§37, geol.]

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Year	Primary source	Secondary source	No. of quotes on black	Raw material / black pigment
1490	Kölner Musterbuch Farbenrezepte für Buchmalerei, Köln, Historisches Archiv der Stadt Köln, Best. 7010 (Handschriften (Wallraf)), 293: fol.7r	In: Leloux (1977): p.26	1	(1) candle from resin around a wick (<i>flamzward</i> , soot)
1450 - 1500	Hs 181503 Farbenrezepte. Nuernberg, GNM, Hs 181503: fol.1r.		1	(1) frankincense (soot)
1450 - 1500	MS R486.M43 New Haven, Yale center for British Art	In: Clarke (2016): p.90 [§24], [§25]	2	(1) candle (soot) [§25] (2) candle of resin (soot) [§24]
15th-16th. cent.	MS Add. 21431 London, British Library	In: Clarke (2016): p.327 [§A1]	1	(1) candle (soot) [§A1]
Late 15th, early 16th cent.	MS Harley 2252 London, British Library	In: Clarke (2016): p.79 [§30], 83 [§49], [§50]	3	(1) torch (soot) [§30] (2) torch (<i>sable</i> , soot) [§49] (3) wax candle with added resin or francincense (soot) [§50]
Early 16th cent.	MS e Musaeo 52 Oxford, Bodleian Library	In: Clarke (2016): p.188 [§37]	1	(1) torch (soot)
16th cent.	MS HU 1051 San Marino (California), Huntington Library	In: Clarke (2016): p.316 [§7], [§16], [§17]	2	(1) soot unspecified [§7] (2) iron gall ink (ink) [§16],[§17]
1503 - 1535	Marciana Manuscript Venice, Biblioteca Marciana, MS lat. III. 10.	In: Merrifield, Vol. 2 (1849): p.610, 618	4	(1) resin (soot) (2) peach pits (char) (3) ivory (char) (4) nero di scaglia (metal-related)
1549	Boltz von Ruffach. Illuminierbuch fol.95 ff, 115, 138, 122, 233.		6	(1) bister (soot) (2) copper vitreous pigm. (metal-rel.) (3) mummy (4) peach pits (char) (5) lamp black (<i>Kienschwarz</i> , soot) (6) paper black (burnt)
1558	Piemontese. De secreten van den eerweerdighen heere Alexis Piemontois Antwerpen: fol.152v-153v.		4	(1) resina pinii (soot) (2) apricot pits (char) (3) peach pits (char) (4) almond husks (char)
1573	A very proper treatise wherein is breiefely set forth the art of limming London: fol.6v, 7r.		3	(1) torch (soot) (2) hartshorn (char) (3) black lead / graphite (geol.)
after 1579	Recueil de recettes et secrets concernant l'art du mouleur, de l'artificier et du peintre Paris, BnF, MS fr. 640: fol.51v, 58v, 59v, 60v, 63v, 158v.	In: Making and Knowing Project. Smith et al., Secrets of Craft and Nature in Renaissance France. A Digital Critical Edition and English Translation of BnF Ms. Fr. 640	8	(1) bister (soot) (2) charcoal (char) (3) peach pits (char) (4) bones or feet of oxen (char) (5) ivory (char) (6) pit coal (geol.) (7) coal from mines (geol.) (8) noir d'escaille (?) (x) in oil: lamp black (soot)
1582	Barton Edmonde (attr.) / MS 86.EE.69 1582, London, National Art Library, Victoria & Albert Museum.	In: Harley (1982/2001): p.97	1	(1) lamp black (soot)
1584	Borghini. Il Riposo 1584, Florence: p.206-207.		10	(1) oil lamp (soot) (2) oak wood (char) (3) peach pits (char) (4) almond husks (char) (5) vine (char) (6) ivory (char) (7) paper (burnt) (8) black earth (geol.) (9) bronze-cast black (metal-related) (10) Jewish bitumen (geol.)
1585, after?	Paduan Manuscript. Bicette per far ogni sorte di colori Padua, University Library, MS 992.	In: Merrifield. Vol.2 (1849): p.650, 700, 704. https://books.google.nl/books?id=44RAAAAAYAAJ&dq=inauthor:%22Mary+Philadelphia+Merrifield%22&source=gbs_navlinks_s&redir_esc=y	8	(1) oil lamp (soot) (2) pitch/tar (soot) (3) almond husks (char) (4) acorns (char) (5) paper (burnt) (6) umbra (geol.) (7) black earth (geol.) (8) Indian ink (ink)

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1586	Armenini. <i>De' veri precetti della pittvra</i>	In: Spring et al. (2003): p.96, 110 https://www.nationalgallery.org.uk/upload/pdf/spring_grout_white2003.pdf	5	(1) lamp black (soot) (2) willow/sallow wood (char) (3) peach pits (char) (4) black earth (geol.) (5) bronze-cast black (metal-related)
1598	Lomazzo. <i>Trattato dell'arte della pittvra</i>	In: Haydocke (1598): p.99, 100	14	(1) lamp black (soot) (2) charcoal willow (char) (3) charcoal dogwood (char) (4) hartshorn (char) (5) almonds (char) (6) ivory (char) (7) umber (geol.) (8) asphalt (geol.) (9) black earth (geol.) (10) black chalk (geol.) (11) black lead / graphite (geol.) (12) ball black (coal?) (13) ink (14) mummy
late 16th cent.	MS Sloane 6284 late 16th c., London, British Library.	In: Harley (1982/2001): p.157	2	(1) smith coal (geol.) (2) sea coal (geol.)
1600 - 1650	Schone consten en secreten aengaende verlichterij Rome, Vatican Library, MS 7279: fol.23v-25v.	In: Braekman (1994): p.116-117. http://www.dbnl.org/tekst/_ver016199401_01/_ver016199401_01_0005.php#079	7	(1) lamp black (soot) (2) charcoal (char) (3) ivory (char) (4) paper (burnt) (5) coal (Luyker black, geol.) (6) Cologne earth (geol.) (7) mummy
1600	Baten. <i>Secreet boeck</i> Haarlem: p.316, 318, 319.		3	(1) bister (soot) (2) peach pits (char) (3) mummy
1602	Hilliard. <i>A treatise concerning the arte of limning</i>	In: Thornton and Cain (1992): p.90-93	6	(1) charcoal (2) willow (char) (3) date pits (char) (4) cherry pits (char) (5) peach pits (char) (6) ivory (char)
1606	Peacham. <i>The art of drawing with the pen, and limning in water colours</i>	In: Early English books online, website. p.60	3	(1) hartshorn (char) (2) ivory (char) (3) white bread (burnt)
1606 - 1612	Collection of Arms Chapter: The Arte of Lymnynge. 1606-1612, London, British Museum, MS Stowe 680: fol.135v.	In: Harley (1982/2001): p.4 (colour list)	4	(1) lamp black (<i>sables</i> , soot) (2) willow / willow cole (char) (3) sea coal (geol.) (4) unidentified
1620 - 1646	De Mayerne. <i>Pictoria, sculptoria et quae subalternarum atrium</i> London, British Library, Sloane MS 2052, <i>Colour scheme</i> : fol.80-83.		5	(1) lamp black (soot) (2) bister (soot) (3) linden tree (char) (4) bone black (char) (5) cologne earth
1620 - 1646	De Mayerne. <i>Pictoria, sculptoria et quae subalternarum atrium</i> 1620-1646, London, British Library, Sloane MS 2052: fol.18r, 29r, 95r, 97r.		11	(1) lamp black (soot) (2) date pits (char) (3) chery pits (char) (4) peach pits (char) (5) lac dye (char) (6) bone black (char) (7) teath (char) (8) ivory (char) (9) Scottish earth (geol.) (10) asphalt (geol.) (11) black earth (geol.)
1621 - 1626	Norgate. <i>Miniatura or the Art of Limning</i>	In: Hardie (1919): p.7, 12, 15, 93-94, 98, 101, 104.	5	(1) lamp black (soot) (2) cherry pits (char) (3) ivory (char) (4) sea coal (geol.) (5) cologne earth (geol.) (x) hartshorn (oil color, char)
1634	Bate. <i>The Mysteryes of Nature and Art</i> (1st ed.): p.122, 126.		4	(1) torch (soot) (2) hartshorn (char) (3) umbra (geol.) (4) black lead/graphite (geol.)

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1634	Cooper d.J., Nigrorum & obscurorum species. in: De Mayerne. Pictoria, sculptoria et quae subalternarum atrium, 1634, London, British Library, Sloane MS 2052: fol.79v.	In: Berger, de Mayerne (1901): p.243, 245, 246, 247.	12	(1) lamp black (soot) (2) spur resin (soot) (3) bister (soot) (4) linden tree wood (char) (5) vine twigs (char) (6) peach pits (char) (7) bone black (char) (8) hartshorn (char) (9) ivory (char) (10) Cologne earth (geol.) (11) umbra (geol.) (12) coal (geol.)
1634	Peacham. The Gentlemans Exercise 1634, p.71-72, 88, 90.		10	(1) oil lamp (soot) (2) torch (soot) (3) pitch/tar (soot) (4) charcoal (char) (5) date pits (char) (6) hartshorn (char) (7) ivory (char) (8) white bread (burnt) (9) sea cole (geol.) (10) walnut shells (dye)
1634	Ter Bruggen. Verlichtery Kunst-Boeck 2nd ed., Part 1, chap. 30, 32.		4	(1) lamp black (soot) (2) bister (soot) (3) vine twigs (char or burnt?) (4) peach pits (char)
1640 - 1660	van Veen. De Wetenschap en Manieren [...] het fundament der verlichterij konst Koninklijke Bibliotheek Den Haag. MS 135 K 44.		9	(1) lamp black (soot) (2) bister (soot) (3) vine twigs (char or burnt?) (4) peach pits (char) (5) sheep feet bones (char) (6) ivory (char) (7) white bread (burnt) (8) paper (burnt) (9) coal (Luyker black, geol.)
1648 - 1650	Norgate. An exact and Compendious Discours concerning the Art of Miniatura or Limning London, British Library, Harley MS 6000	In: Thornton & Cain (1992): p.96-99	4	(1) cherry pits (char) (2) ivory (char) (3) Cologne earth (geol.) (4) umbra (geol.)
1652	Jenner. Drawing limning washing p.28.		4	(1) printers black (lamp black, conifer resin, soot) (2) bone black (char) (3) ivory (char) (4) umbra (geol.)
1654	Bate. The Mysteryes of Nature and Art 3rd ed.: colour list, p.153.		6	(1) lamp black (soot) (2) torch (sable black, soot) (3) sea coal (geol.) (4) black calk (geol.) (5) copperas black (?) (6) base black (unidentified)
1658	Sanderson. Graphice p.53-54, 57.		5	(1) lamp black (soot) (2) cherry pits (char) (3) ivory (char) (4) cologne earth (geol.) (5) coal (geol.)
1661	Peacham. The compleat Gentleman p.367-368, 385-386.		6	(1) torch (soot) (2) date pits (char) (3) hartshorn (char) (4) ivory (char) (5) white bread (burnt) (6) walnut shells (dye)
1668	Anon. Excellency of Pen & Pencil, Limning p.68-69, 85, 103.		5	(1) lamp black (soot) (2) cherry pits (char) (3) ivory (char) (4) cologne earth (geol.) (5) umbra (geol.)

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1669	Browne. Ars pictorial p.77-79, 80, 88, 95.		8	(1) lamp black (soot) (2) cherry pits (char) (3) ivory (char) (4) white bread (burnt) (5) sea coal (geol.) (6) Cologne earth (geol.) (7) umbra (8) mummy
1670	Goeree. Verlichterie-kunde 2nd ed.: p.3, 27-29; part 2, p.10-12.		7	(1) lamp black (soot) (2) bister (soot) (3) vine twigs (char) (4) bone black (char) (5) smith coal (geol.) (6) Cologne earth (geol.) (7) Indian ink (ink)
1672	Salmon. Polygraphice p.128, 138-140, 177.		6	(1) lamp black (soot) (2) charcoal (char) (3) cherry stones (char) (4) hartshorn (char) (5) ivory (char) (6) umber (geol.)
1676	Felibien. Des principes de l'architecture p.401.		2	(1) Cologne earth (geol.) (2) umbra
1678	Hoogstraten. Inleyding tot de hooge Schoole der Schilderkunst p.221.		4	(1) lamp black (soot) (2) vine (char) (3) walrus tusk (char) (4) ivor (char)
1679	Mieth. Der curiose Mahler p.112-114.		5	(1) bister (soot) (2) peach pits (char) (3) paper (burnt) (4) copper vitreous pigm. (metal-rel.) (5) mummy
1692	Boogert. Klaerlightende Spiegel der Verfkunst p.81ff.		5	(1) bister (soot) (2) bone (char) (3) white bread (burnt) (4) smith coal (5) Indian ink (ink)