

See for similar files: <http://www.ps.bam.de/BE32/>

Information and Order: <http://www.ps.bam.de> Version 2.0, io=0; iORS, oORS, CIELAB



BAM-test chart no. BE32; see ISO/IEC TR 24705
 Colour gamut for 8 different contrast ratios; OLSxxa

CMYOLV cmyolv* default color space complementary hue planes



Start OLS00a: Offset Luminous System

Black lightness $L^* = 00$, chroma adapted (a)

Grey sample difference: $L^* = 54.45$; $a^* = -0.05$; $b^* = -0.44$

Luminance contrast $F_{ab}/F_a = 99.00$

Chroma range: $C_{ab} < C_{ab}^*$: 99.41 - 100.00 ; 161.75

Relative colour gamut: $g(2): 100.00 - 100.00 / (99.41 + 161.75) = 0.00$



Start OLS00a: Offset Luminous System

Black lightness $L^* = 11$, chroma adapted (a)

Grey sample difference: $L^* = 54.45$; $a^* = 10.99$; $b^* = 73.11$

Luminance contrast $F_{ab}/F_a = 99.41 - 18.01 / 77.4$

Chroma range: $C_{ab} < C_{ab}^*$: 92.45 - 94.20 ; 135.85

Relative colour gamut: $g(2): 100.00 - 100.00 / (92.45 + 135.85) = 0.8$



Start OLS00a: Offset Luminous System

Black lightness $L^* = 27$, chroma adapted (a)

Grey sample difference: $L^* = 54.45$; $a^* = 17.74$; $b^* = 17.78$

Luminance contrast $F_{ab}/F_a = 99.41 - 26.85 / 56.56$

Chroma range: $C_{ab} < C_{ab}^*$: 89.53 - 91.38 ; 135.85

Relative colour gamut: $g(2): 100.00 - 100.00 / (89.53 + 135.85) = 0.55$



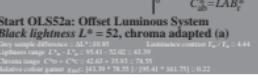
Start OLS00a: Offset Luminous System

Black lightness $L^* = 52$, chroma adapted (a)

Grey sample difference: $L^* = 54.45$; $a^* = 22.00$; $b^* = 44.44$

Luminance contrast $F_{ab}/F_a = 99.41 - 23.91 / 55.24$

Chroma range: $C_{ab} < C_{ab}^*$: 75.71 - 89.55 ; 195.41 - 161.75 = 0.08



Start OLS00a: Offset Luminous System

Black lightness $L^* = 70$, chroma adapted (a)

Grey sample difference: $L^* = 54.45$; $a^* = 33.00$; $b^* = 44.44$

Luminance contrast $F_{ab}/F_a = 99.41 - 23.91 / 55.24$

Chroma range: $C_{ab} < C_{ab}^*$: 75.71 - 89.55 ; 195.41 - 161.75 = 0.08

CMYOLV cmyolv* default color space complementary hue planes



Start OLS00a: Offset Luminous System

Black lightness $L^* = 06$, chroma adapted (a)

Grey sample difference: $L^* = 54.45$; $a^* = 5.69$; $b^* = -0.44$

Luminance contrast $F_{ab}/F_a = 99.41 - 99.41 / 142.22$

Chroma range: $C_{ab} < C_{ab}^*$: 96.74 - 98.53 ; 135.85

Relative colour gamut: $g(2): 100.00 - 100.00 / (96.74 + 135.85) = 0.00$



Start OLS18a: Offset Luminous System

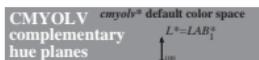
Black lightness $L^* = 11$, chroma adapted (a)

Grey sample difference: $L^* = 54.45$; $a^* = 10.99$; $b^* = 73.11$

Luminance contrast $F_{ab}/F_a = 99.41 - 18.01 / 77.4$

Chroma range: $C_{ab} < C_{ab}^*$: 92.45 - 94.20 ; 135.85

Relative colour gamut: $g(2): 100.00 - 100.00 / (92.45 + 135.85) = 0.8$



Start OLS18a: Offset Luminous System

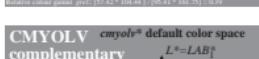
Black lightness $L^* = 18$, chroma adapted (a)

Grey sample difference: $L^* = 54.45$; $a^* = 18.01$; $b^* = 73.11$

Luminance contrast $F_{ab}/F_a = 99.41 - 30.99 / 56.56$

Chroma range: $C_{ab} < C_{ab}^*$: 82.45 - 84.20 ; 135.85

Relative colour gamut: $g(2): 100.00 - 100.00 / (82.45 + 135.85) = 0.8$



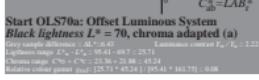
Start OLS18a: Offset Luminous System

Black lightness $L^* = 23$, chroma adapted (a)

Grey sample difference: $L^* = 54.45$; $a^* = 22.00$; $b^* = 44.44$

Luminance contrast $F_{ab}/F_a = 99.41 - 23.91 / 55.24$

Chroma range: $C_{ab} < C_{ab}^*$: 75.71 - 89.55 ; 195.41 - 161.75 = 0.08



Start OLS18a: Offset Luminous System

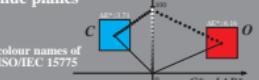
Black lightness $L^* = 38$, chroma adapted (a)

Grey sample difference: $L^* = 54.45$; $a^* = 33.00$; $b^* = 44.44$

Luminance contrast $F_{ab}/F_a = 99.41 - 23.91 / 55.24$

Chroma range: $C_{ab} < C_{ab}^*$: 75.71 - 89.55 ; 195.41 - 161.75 = 0.08

CMYOLV cmyolv* default color space complementary hue planes



Start OLS00a: Offset Luminous System

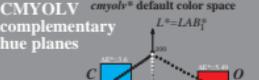
Black lightness $L^* = 06$, chroma adapted (a)

Grey sample difference: $L^* = 54.45$; $a^* = 5.69$; $b^* = -0.44$

Luminance contrast $F_{ab}/F_a = 99.41 - 99.41 / 99.99$

Chroma range: $C_{ab} < C_{ab}^*$: 96.74 - 98.53 ; 135.85

Relative colour gamut: $g(2): 100.00 - 100.00 / (96.74 + 135.85) = 0.00$



Start OLS11a: Offset Luminous System

Black lightness $L^* = 11$, chroma adapted (a)

Grey sample difference: $L^* = 54.45$; $a^* = 10.99$; $b^* = 73.11$

Luminance contrast $F_{ab}/F_a = 99.41 - 18.01 / 77.4$

Chroma range: $C_{ab} < C_{ab}^*$: 92.45 - 94.20 ; 135.85

Relative colour gamut: $g(2): 100.00 - 100.00 / (92.45 + 135.85) = 0.8$



Start OLS11a: Offset Luminous System

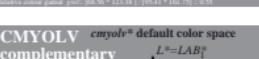
Black lightness $L^* = 18$, chroma adapted (a)

Grey sample difference: $L^* = 54.45$; $a^* = 18.01$; $b^* = 73.11$

Luminance contrast $F_{ab}/F_a = 99.41 - 30.99 / 56.56$

Chroma range: $C_{ab} < C_{ab}^*$: 82.45 - 84.20 ; 135.85

Relative colour gamut: $g(2): 100.00 - 100.00 / (82.45 + 135.85) = 0.8$



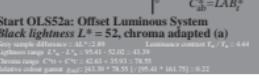
Start OLS27a: Offset Luminous System

Black lightness $L^* = 28$, chroma adapted (a)

Grey sample difference: $L^* = 54.45$; $a^* = 28.01$; $b^* = 44.44$

Luminance contrast $F_{ab}/F_a = 99.41 - 28.00 / 55.24$

Chroma range: $C_{ab} < C_{ab}^*$: 75.71 - 89.55 ; 195.41 - 161.75 = 0.05



Start OLS27a: Offset Luminous System

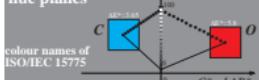
Black lightness $L^* = 37$, chroma adapted (a)

Grey sample difference: $L^* = 54.45$; $a^* = 37.01$; $b^* = 44.44$

Luminance contrast $F_{ab}/F_a = 99.41 - 27.00 / 55.24$

Chroma range: $C_{ab} < C_{ab}^*$: 75.71 - 89.55 ; 195.41 - 161.75 = 0.08

CMYOLV cmyolv* default color space complementary hue planes



Start OLS06a: Offset Luminous System

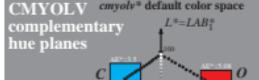
Black lightness $L^* = 06$, chroma adapted (a)

Grey sample difference: $L^* = 54.45$; $a^* = 5.69$; $b^* = -0.44$

Luminance contrast $F_{ab}/F_a = 99.41 - 59.49 / 102.22$

Chroma range: $C_{ab} < C_{ab}^*$: 96.74 - 98.53 ; 135.85

Relative colour gamut: $g(2): 100.00 - 100.00 / (96.74 + 135.85) = 0.00$



Start OLS18a: Offset Luminous System

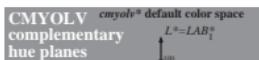
Black lightness $L^* = 18$, chroma adapted (a)

Grey sample difference: $L^* = 54.45$; $a^* = 18.01$; $b^* = 73.11$

Luminance contrast $F_{ab}/F_a = 99.41 - 30.99 / 56.56$

Chroma range: $C_{ab} < C_{ab}^*$: 82.45 - 84.20 ; 135.85

Relative colour gamut: $g(2): 100.00 - 100.00 / (82.45 + 135.85) = 0.8$



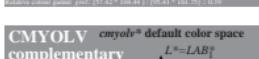
Start OLS18a: Offset Luminous System

Black lightness $L^* = 23$, chroma adapted (a)

Grey sample difference: $L^* = 54.45$; $a^* = 22.00$; $b^* = 44.44$

Luminance contrast $F_{ab}/F_a = 99.41 - 23.91 / 55.24$

Chroma range: $C_{ab} < C_{ab}^*$: 75.71 - 89.55 ; 195.41 - 161.75 = 0.08



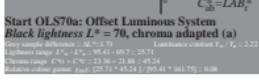
Start OLS18a: Offset Luminous System

Black lightness $L^* = 38$, chroma adapted (a)

Grey sample difference: $L^* = 54.45$; $a^* = 33.00$; $b^* = 44.44$

Luminance contrast $F_{ab}/F_a = 99.41 - 23.91 / 55.24$

Chroma range: $C_{ab} < C_{ab}^*$: 75.71 - 89.55 ; 195.41 - 161.75 = 0.08



Start OLS18a: Offset Luminous System

Black lightness $L^* = 44$, chroma adapted (a)

Grey sample difference: $L^* = 54.45$; $a^* = 44.01$; $b^* = 44.44$

Luminance contrast $F_{ab}/F_a = 99.41 - 23.91 / 55.24$

Chroma range: $C_{ab} < C_{ab}^*$: 75.71 - 89.55 ; 195.41 - 161.75 = 0.08

BAM registration: 20031001-BE32/L32E00F1.PS./TXT

Displays: 8 luminance contrast ratios between >999:1 and 2:1

BAM material: code:=ha4ta