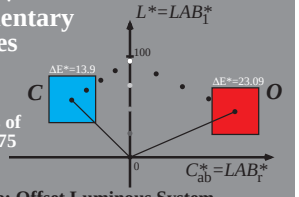
See for similar files: http://www.ps.bam.de/BE32/
Information and Order: http://www.ps.bam.de Version 2.0, io=0,0?

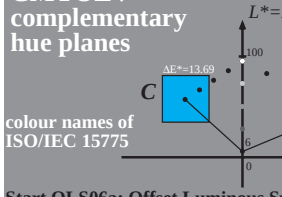
BAM registration: 20031001-BE32/10L/L32E00SP.PS/.PDF BAM material: code=rha4ta
Displays; 8 luminance contrast ratios between >999:1 and 2:1

CMYOLV complementary hue planes — *cmyolv** default color space



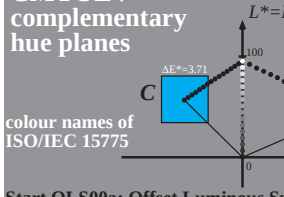
Start OLS00a: Offset Luminous System
Black lightness L* = 00, chroma adapted (a)
Grey sample difference = ΔL*=23.85 Luminance contrast Y_w / Y_n > 999.0
Lightness range $L^*_w - L^*_n$ = 95.41 - 0.0 = 95.41
Chroma range $C^*_O + C^*_C$ = 103.92 + 57.83 = 161.75
Relative colour gamut g_{rel}= [95.41 * 161.75] / [95.41 * 161.75] = 1.0

CMYOLV complementary hue planes — *cmyolv** default color space



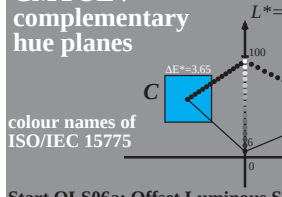
Start OLS06a: Offset Luminous System
Black lightness L* = 06, chroma adapted (a)
Grey sample difference = ΔL*=22.43 Luminance contrast Y_w / Y_n = 142.22
Lightness range $L^*_w - L^*_n$ = 95.41 - 5.69 = 89.72
Chroma range $C^*_O + C^*_C$ = 96.74 + 56.91 = 153.65
Relative colour gamut g_{rel}= [89.72 * 153.65] / [95.41 * 161.75] = 0.89

CMYOLV complementary hue planes — *cmyolv** default color space



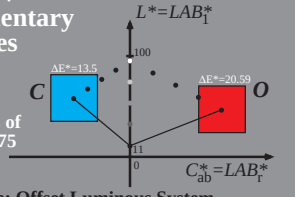
Start OLS00a: Offset Luminous System
Black lightness L* = 00, chroma adapted (a)
Grey sample difference = ΔL*=6.36 Luminance contrast Y_w / Y_n > 999.0
Lightness range $L^*_w - L^*_n$ = 95.41 - 0.0 = 95.41
Chroma range $C^*_O + C^*_C$ = 103.92 + 57.83 = 161.75
Relative colour gamut g_{rel}= [95.41 * 161.75] / [95.41 * 161.75] = 1.0

CMYOLV complementary hue planes — *cmyolv** default color space



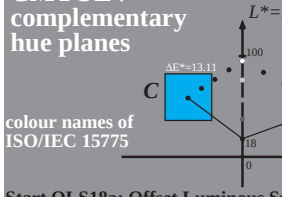
Start OLS06a: Offset Luminous System
Black lightness L* = 06, chroma adapted (a)
Grey sample difference = ΔL*=5.98 Luminance contrast Y_w / Y_n = 142.22
Lightness range $L^*_w - L^*_n$ = 95.41 - 5.69 = 89.72
Chroma range $C^*_O + C^*_C$ = 96.74 + 56.91 = 153.65
Relative colour gamut g_{rel}= [89.72 * 153.65] / [95.41 * 161.75] = 0.89

CMYOLV complementary hue planes — *cmyolv** default color space



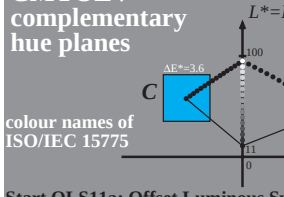
Start OLS11a: Offset Luminous System
Black lightness L* = 11, chroma adapted (a)
Grey sample difference = ΔL*=21.11 Luminance contrast Y_w / Y_n = 71.11
Lightness range $L^*_w - L^*_n$ = 95.41 - 10.99 = 84.42
Chroma range $C^*_O + C^*_C$ = 90.64 + 56.01 = 146.65
Relative colour gamut g_{rel}= [84.42 * 146.65] / [95.41 * 161.75] = 0.8

CMYOLV complementary hue planes — *cmyolv** default color space



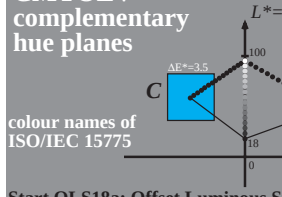
Start OLS18a: Offset Luminous System
Black lightness L* = 18, chroma adapted (a)
Grey sample difference = ΔL*=19.35 Luminance contrast Y_w / Y_n = 35.56
Lightness range $L^*_w - L^*_n$ = 95.41 - 18.01 = 77.4
Chroma range $C^*_O + C^*_C$ = 82.63 + 54.28 = 136.91
Relative colour gamut g_{rel}= [77.4 * 136.91] / [95.41 * 161.75] = 0.69

CMYOLV complementary hue planes — *cmyolv** default color space



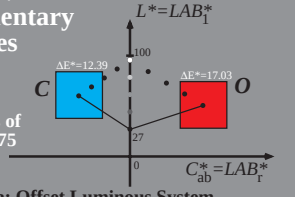
Start OLS11a: Offset Luminous System
Black lightness L* = 11, chroma adapted (a)
Grey sample difference = ΔL*=5.63 Luminance contrast Y_w / Y_n = 71.11
Lightness range $L^*_w - L^*_n$ = 95.41 - 10.99 = 84.42
Chroma range $C^*_O + C^*_C$ = 90.64 + 56.01 = 146.65
Relative colour gamut g_{rel}= [84.42 * 146.65] / [95.41 * 161.75] = 0.8

CMYOLV complementary hue planes — *cmyolv** default color space



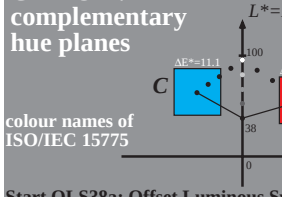
Start OLS18a: Offset Luminous System
Black lightness L* = 18, chroma adapted (a)
Grey sample difference = ΔL*=5.16 Luminance contrast Y_w / Y_n = 35.56
Lightness range $L^*_w - L^*_n$ = 95.41 - 18.01 = 77.4
Chroma range $C^*_O + C^*_C$ = 82.63 + 54.28 = 136.91
Relative colour gamut g_{rel}= [77.4 * 136.91] / [95.41 * 161.75] = 0.69

CMYOLV complementary hue planes — *cmyolv** default color space



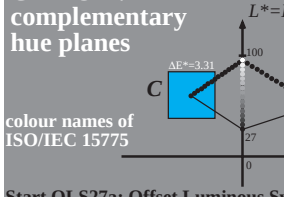
Start OLS27a: Offset Luminous System
Black lightness L* = 27, chroma adapted (a)
Grey sample difference = ΔL*=17.14 Luminance contrast Y_w / Y_n = 17.78
Lightness range $L^*_w - L^*_n$ = 95.41 - 26.85 = 68.56
Chroma range $C^*_O + C^*_C$ = 72.32 + 51.05 = 123.38
Relative colour gamut g_{rel}= [68.56 * 123.38] / [95.41 * 161.75] = 0.55

CMYOLV complementary hue planes — *cmyolv** default color space



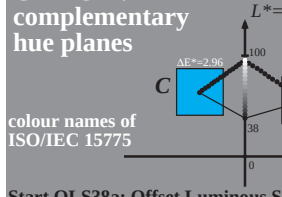
Start OLS38a: Offset Luminous System
Black lightness L* = 38, chroma adapted (a)
Grey sample difference = ΔL*=14.36 Luminance contrast Y_w / Y_n = 8.89
Lightness range $L^*_w - L^*_n$ = 95.41 - 37.99 = 57.42
Chroma range $C^*_O + C^*_C$ = 59.11 + 45.33 = 104.44
Relative colour gamut g_{rel}= [57.42 * 104.44] / [95.41 * 161.75] = 0.39

CMYOLV complementary hue planes — *cmyolv** default color space



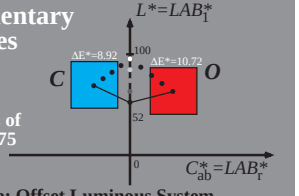
Start OLS27a: Offset Luminous System
Black lightness L* = 27, chroma adapted (a)
Grey sample difference = ΔL*=4.57 Luminance contrast Y_w / Y_n = 17.78
Lightness range $L^*_w - L^*_n$ = 95.41 - 26.85 = 68.56
Chroma range $C^*_O + C^*_C$ = 72.32 + 51.05 = 123.38
Relative colour gamut g_{rel}= [68.56 * 123.38] / [95.41 * 161.75] = 0.55

CMYOLV complementary hue planes — *cmyolv** default color space



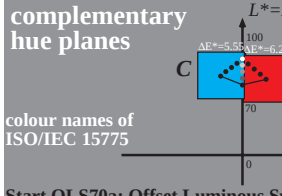
Start OLS38a: Offset Luminous System
Black lightness L* = 38, chroma adapted (a)
Grey sample difference = ΔL*=3.83 Luminance contrast Y_w / Y_n = 8.89
Lightness range $L^*_w - L^*_n$ = 95.41 - 37.99 = 57.42
Chroma range $C^*_O + C^*_C$ = 59.11 + 45.33 = 104.44
Relative colour gamut g_{rel}= [57.42 * 104.44] / [95.41 * 161.75] = 0.39

CMYOLV complementary hue planes — *cmyolv** default color space



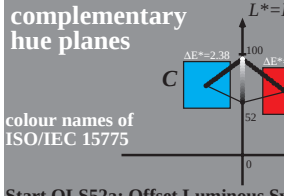
Start OLS52a: Offset Luminous System
Black lightness L* = 52, chroma adapted (a)
Grey sample difference = ΔL*=10.85 Luminance contrast Y_w / Y_n = 4.44
Lightness range $L^*_w - L^*_n$ = 95.41 - 52.02 = 43.39
Chroma range $C^*_O + C^*_C$ = 42.63 + 35.93 = 78.55
Relative colour gamut g_{rel}= [43.39 * 78.55] / [95.41 * 161.75] = 0.22

CMYOLV complementary hue planes — *cmyolv** default color space



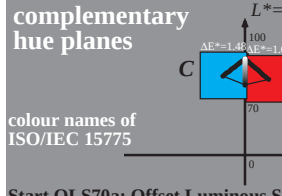
Start OLS70a: Offset Luminous System
Black lightness L* = 70, chroma adapted (a)
Grey sample difference = ΔL*=6.43 Luminance contrast Y_w / Y_n = 2.22
Lightness range $L^*_w - L^*_n$ = 95.41 - 69.7 = 25.71
Chroma range $C^*_O + C^*_C$ = 23.36 + 21.88 = 45.24
Relative colour gamut g_{rel}= [25.71 * 45.24] / [95.41 * 161.75] = 0.08

CMYOLV complementary hue planes — *cmyolv** default color space



Start OLS52a: Offset Luminous System
Black lightness L* = 52, chroma adapted (a)
Grey sample difference = ΔL*=2.89 Luminance contrast Y_w / Y_n = 4.44
Lightness range $L^*_w - L^*_n$ = 95.41 - 52.02 = 43.39
Chroma range $C^*_O + C^*_C$ = 42.63 + 35.93 = 78.55
Relative colour gamut g_{rel}= [43.39 * 78.55] / [95.41 * 161.75] = 0.22

CMYOLV complementary hue planes — *cmyolv** default color space



Start OLS70a: Offset Luminous System
Black lightness L* = 70, chroma adapted (a)
Grey sample difference = ΔL*=1.71 Luminance contrast Y_w / Y_n = 2.22
Lightness range $L^*_w - L^*_n$ = 95.41 - 69.7 = 25.71
Chroma range $C^*_O + C^*_C$ = 23.36 + 21.88 = 45.24
Relative colour gamut g_{rel}= [25.71 * 45.24] / [95.41 * 161.75] = 0.08