

Converting Colors

CIELCh(57, 16.520, 36.883)

Have a look what the booklet for
CIELCh(57, 16.520, 36.883) contains.

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Color

CIELCh(57, 16.745, 36.572)

Conversions

Conversions Part 1

Format	Color
Hex	A68078
RGB	166, 128, 120
RGB Percent	65%, 50%, 47%
CMY	0.3488, 0.4978, 0.5292
CMYK	0.00, 0.23, 0.28, 0.35
HSL	10°, 21%, 56%
HSV	10°, 28%, 65%
XYZ	26.8571, 24.9227, 21.1812
YIQ	138.4500, 25.2160, 5.5680

Conversions

Conversions Part 2

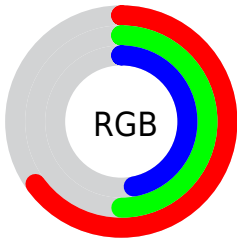
Format	Color
R_{YB}	166, 130, 120
Decimal	10911864
CIE _{Lab}	57.00, 13.45, 9.98
CIE _{LCh}	57, 16.745, 36.572
Yxy	24.9227, 0.3681, 0.3416
Android (android.graphics.Color)	4289101944 (0xFFA68078)
YUV	138.4500, -9.0958, 24.1614
Hunter-Lab	49.9226, 8.6641, 9.7903

Details

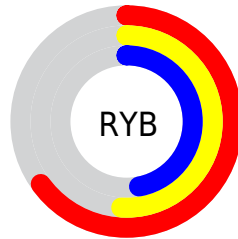
The CIELCh color $57, 16.745, 36.572$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $63, 13.861, 217.321$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 16.841, 37.098$, and $37, 16.526, 36.489$ is the 20% darker color. If you saturate the color by 10%, you get $53, 23.744, 36.901$, and if you desaturate by 10%, it is $61, 10.268, 36.417$.

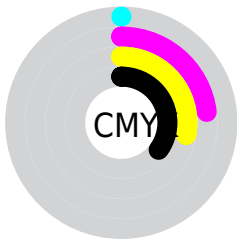
Distribution



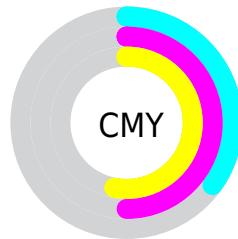
- Red (65%)
- Green (50%)
- Blue (47%)



- Red (65%)
- Yellow (51%)
- Blue (47%)



- Cyan (0%)
- Magenta (23%)
- Yellow (28%)
- Black (35%)



- Cyan (35%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 16.745, 36.572 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 57, 16.745, 36.572 by changing the saturation by 10% instead.

■ 57, 16.745, 36.572

■ 57, 16.745, 36.572

■ 100, 16.745,
36.572

■ 47, 16.745, 36.572

■ 77, 16.745, 36.572

■ 37, 16.745, 36.572

■ 87, 16.745, 36.572

■ 27, 16.745, 36.572

■ 97, 16.745, 36.572

■ 17, 16.745, 36.572

■ 7, 16.745, 36.572

■ 0, 16.745, 36.572

■ 57, 16.745, 36.572

■ 57, 16.745, 36.572

■ 53, 23.744, 36.901

■ 61, 10.268, 36.417

■ 50, 31.269, 37.429

■ 65, 4.289, 36.338

46, 39.277, 38.204

69, 1.231, 216.923

43, 47.655, 39.242

73, 6.338, 216.770

40, 56.152, 40.488

77, 11.076,
216.951

38, 64.223, 41.705

82, 15.490,
217.191

36, 70.981, 42.547

36, 72.526, 42.911

86, 19.617,
217.463

90, 23.495,
217.754

94, 26.699,
201.675

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57, 16.745, 36.572



63, 13.861, 217.321

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57, 16.745, 36.572



57, 16.745, 86.572



57, 16.745, 216.572



57, 16.745, 266.572

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57, 16.744, 36.579



83, 5.543, 36.343



56, 27.889, 331.070



43, 3.995, 36.355



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57, 16.744, 36.579



70, 25.385, 36.747



63, 18.263, 87.633



33, 3.206, 36.352



32, 66.133, 42.874



2, 5.750, 33.816

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



63, 13.861, 217.321



79, 20.057, 217.648



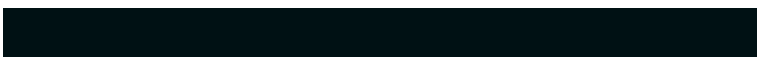
56, 18.152, 275.240



35, 3.026, 216.746



47, 29.018, 229.220



4, 5.491, 223.004

Previews

White Background



This preview shows how the CIELCh color 57, 16.745, 36.572 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 57, 16.745, 36.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

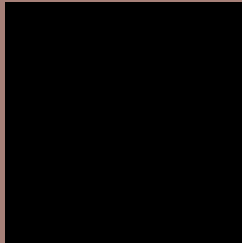
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 16.745, 36.572

Background



This preview shows how black text looks on a background with the CIELCh color 57, 16.745, 36.572.



This preview shows how white text looks on a background with the CIELCh color 57, 16.745, 36.572.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57, 16.745, 36.572

Protanopia

57, 7.648, 93.812

Deuteranopia

57, 12.913, 54.875



Tritanopia
57, 17.722, 4.774

Trichromacy



Original Color
57, 16.745, 36.572

Protanomaly
57, 9.429, 61.204

Deuteranomaly
57, 14.075, 49.190

Tritanomaly
57, 16.504, 15.343

Monochromacy



Original Color
57, 16.745, 36.572

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 5.891, 36.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 16.745, 36.572 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(166, 128, 120)` looks like.

```
.text, #text, p{  
    color:rgb(166, 128, 120)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(166, 128, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 128, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 16.745, 36.572 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 128, 120) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(166, 128, 120) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(166, 128, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 128, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 128, 120);  
box-shadow:4px 4px 4px 4px rgb(166, 128,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 16.745, 36.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 128, 120) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(166,  
128, 120) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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