

Converting Colors

CIELCh(57, 21.718, 18.888)

Have a look what the booklet for
CIELCh(57, 21.718, 18.888) contains.

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Color

CIELCh(57, 21.718, 18.888)

Conversions

Conversions Part 1

Format	Color
Hex	AF7B7D
RGB	175, 123, 125
RGB Percent	69%, 48%, 49%
CMY	0.3120, 0.5160, 0.5082
CMYK	0.00, 0.30, 0.29, 0.31
HSL	358°, 25%, 59%
HSV	358°, 30%, 69%
XYZ	28.6388, 24.9227, 22.8384
YIQ	138.7760, 30.3500, 11.6460

Conversions

Conversions Part 2

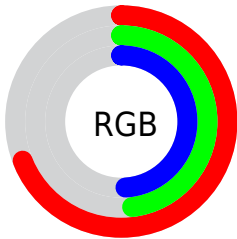
Format	Color
RYB	175, 123, 125
Decimal	11500413
CIELab	57.00, 20.55, 7.03
CIElCh	57, 21.718, 18.888
Yxy	24.9227, 0.3749, 0.3262
Android (android.graphics.Color)	4289690493 (0xFFAF7B7D)
YUV	138.7760, -6.7916, 31.7684
Hunter-Lab	49.9226, 15.0345, 7.8221

Details

The CIELCh color **57, 21.718, 18.888** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **68, 18.047, 194.421**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 21.803, 18.489**, and **37, 21.526, 19.683** is the 20% darker color. If you saturate the color by 10%, you get **52, 29.986, 20.328**, and if you desaturate by 10%, it is **62, 13.899, 17.762**.

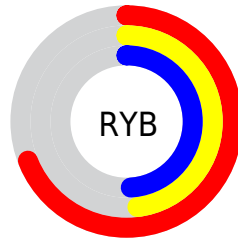
Distribution



Red (69%)

Green (48%)

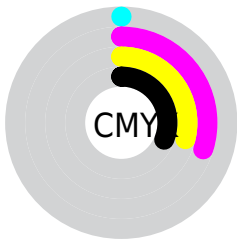
Blue (49%)



Red (69%)

Yellow (48%)

Blue (49%)

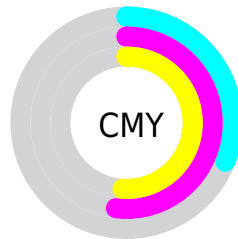


Cyan (0%)

Magenta (30%)

Yellow (29%)

Black (31%)



Cyan (31%)

Magenta (52%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 21.718, 18.888 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, 21.718, 18.888 by changing the saturation by 10% instead.

■ 57, 21.718, 18.888

■ 57, 21.718, 18.888

■ 100, 21.718,
18.888

■ 47, 21.718, 18.888

■ 77, 21.718, 18.888

■ 37, 21.718, 18.888

■ 87, 21.718, 18.888

■ 27, 21.718, 18.888

■ 97, 21.718, 18.888

■ 17, 21.718, 18.888

■ 7, 21.718, 18.888

■ 0, 21.718, 18.888

■ 57, 21.718, 18.888

■ 57, 21.718, 18.888

■ 52, 29.986, 20.328

■ 62, 13.899, 17.762

■ 48, 38.594, 22.171

■ 67, 6.585, 16.837

44, 47.345, 24.535

72, 0.224, 198.415

41, 55.974, 27.518

77, 6.552, 195.701

39, 64.162, 31.114

82, 12.438,
195.190

37, 71.450, 35.029

87, 17.927,
194.780

36, 77.105, 38.280

36, 77.288, 38.373

92, 23.064,
194.438

95, 25.264,
197.860

Harmonies

Complementary

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



57, 21.718, 18.888



68, 18.047, 194.421

Rectangle

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



57, 21.718, 18.888



57, 21.718, 68.888



57, 21.718, 198.888



57, 21.718, 248.888

Sweetspot

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



57, 21.716, 18.893



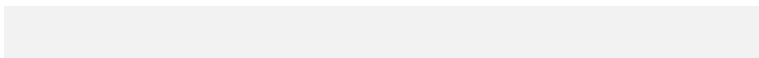
85, 7.552, 16.793



58, 34.496, 324.589



44, 5.318, 16.918



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



57, 21.716, 18.893



69, 33.248, 19.854



63, 17.890, 66.453



34, 3.819, 16.806



31, 68.593, 37.902



2, 7.814, 16.804

Inverse Universe

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



57, 21.716, 18.893



69, 33.248, 19.854



61, 16.082, 254.186



34, 3.819, 16.806



31, 68.593, 37.902



2, 7.814, 16.804

Previews

White Background



This preview shows how the CIELCh color 57, 21.718, 18.888 looks on a white background.

Color Contrast Check

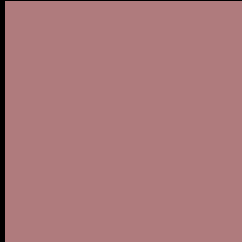
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 57, 21.718, 18.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

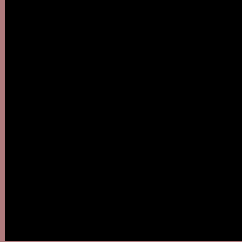
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 21.718, 18.888

Background



This preview shows how black text looks on a background with the CIELCh color 57, 21.718, 18.888.



This preview shows how white text looks on a background with the CIELCh color 57, 21.718, 18.888.

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, 21.718, 18.888

Protanopia

57, 2.760, 74.652

Deuteranopia

57, 10.587, 45.525



Tritanopia
57, 22.725, 7.755

Trichromacy



Original Color
57, 21.718, 18.888

Protanomaly
57, 9.035, 27.467

Deuteranomaly
57, 13.922, 30.109

Tritanomaly
57, 22.121, 11.729

Monochromacy



Original Color
57, 21.718, 18.888

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 7.662, 15.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 21.718, 18.888 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(175, 123, 125)` looks like.

```
.text, #text, p{  
    color:rgb(175, 123, 125)  
}
```

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(175, 123, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 123, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 21.718, 18.888 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(175, 123, 125) }
```

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

```
.border{ border-color:rgb(175, 123, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 123, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 123, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 123, 125);  
box-shadow:4px 4px 4px 4px rgb(175, 123,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 21.718, 18.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 123, 125) }
```

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

```
.background{ background-color: rgb(175,  
123, 125) }
```

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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