

Converting Colors

CIELCh(57, 18.391, 13.691)

Have a look what the booklet for
CIELCh(57, 18.391, 13.691) contains.

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Color

CIELCh(57, 18.681, 12.847)

Conversions

Conversions Part 1

Format	Color
Hex	AA7D82
RGB	170, 125, 130
RGB Percent	67%, 49%, 51%
CMY	0.3323, 0.5088, 0.4892
CMYK	0.00, 0.26, 0.24, 0.33
HSL	353°, 21%, 58%
HSV	353°, 26%, 67%
XYZ	28.0444, 24.9227, 24.5376
YIQ	139.0250, 25.2150, 11.0950

Conversions

Conversions Part 2

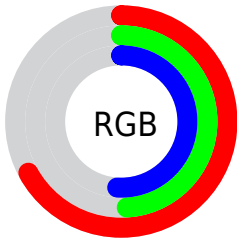
Format	Color
R_{YB}	170, 125, 130
Decimal	11173250
CIE Lab	57.00, 18.21, 4.15
CIE LCh	57, 18.681, 12.847
Yxy	24.9227, 0.3618, 0.3216
Android (android.graphics.Color)	4289363330 (0xFFAA7D82)
YUV	139.0250, -4.4493, 27.1651
Hunter-Lab	49.9226, 12.9092, 5.8041

Details

The CIELCh color $57, 18.681, 12.847$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $66, 16.279, 188.205$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 18.615, 12.799$, and $37, 18.598, 13.043$ is the 20% darker color. If you saturate the color by 10%, you get $52, 26.455, 14.280$, and if you desaturate by 10%, it is $62, 11.269, 11.686$.

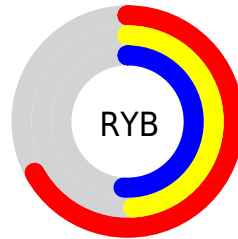
Distribution



Red (67%)

Green (49%)

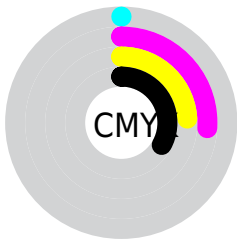
Blue (51%)



Red (67%)

Yellow (49%)

Blue (51%)

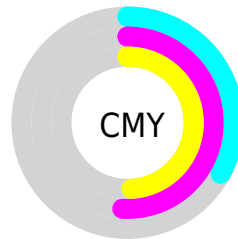


Cyan (0%)

Magenta (26%)

Yellow (24%)

Black (33%)



Cyan (33%)

Magenta (51%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 18.681, 12.847 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, 18.681, 12.847 by changing the saturation by 10% instead.

■ 57, 18.681, 12.847

■ 57, 18.681, 12.847

■ 100, 18.681,
12.847

■ 47, 18.681, 12.847

■ 77, 18.681, 12.847

■ 37, 18.681, 12.847

■ 87, 18.681, 12.847

■ 27, 18.681, 12.847

■ 97, 18.681, 12.847

■ 17, 18.681, 12.847

■ 7, 18.681, 12.847

■ 0, 18.681, 12.847

■ 57, 18.681, 12.847

■ 57, 18.681, 12.847

■ 52, 26.455, 14.280

■ 62, 11.269, 11.686

■ 48, 34.483, 16.066

■ 67, 4.277, 10.674

44, 42.577, 18.326

71, 2.287, 190.202

41, 50.485, 21.191

76, 8.438, 189.382

39, 57.938, 24.762

81, 14.206,
188.783

37, 64.702, 29.016

86, 19.624,
188.272

36, 70.580, 33.578

35, 72.542, 34.973

92, 24.730,
187.825

95, 27.007,
193.707

95, 26.683,
197.772

Harmonies

Complementary

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



57, 18.681, 12.847



66, 16.279, 188.205

Rectangle

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



57, 18.681, 12.847



57, 18.681, 62.847



57, 18.681, 192.847



57, 18.681, 242.847

Sweetspot

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



57, 18.679, 12.852



84, 6.627, 10.846



58, 29.501, 322.477



44, 4.770, 10.993



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



57, 18.679, 12.852



70, 28.526, 13.691



61, 15.201, 59.376



33, 3.758, 10.959



30, 64.994, 34.399



1, 6.647, 11.510

Inverse Universe

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



57, 18.679, 12.852



70, 28.526, 13.691



62, 13.443, 245.200



33, 3.758, 10.959



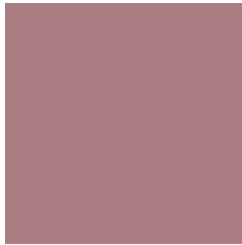
30, 64.994, 34.399



1, 6.647, 11.510

Previews

White Background



This preview shows how the CIELCh color 57, 18.681, 12.847 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, 18.681, 12.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

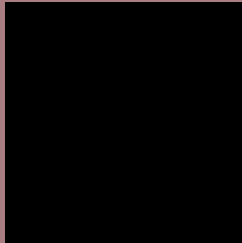
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 18.681, 12.847

Background



This preview shows how black text looks on a background with the CIELCh color 57, 18.681, 12.847.



This preview shows how white text looks on a background with the CIELCh color 57, 18.681, 12.847.

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, 18.681, 12.847

Protanopia

57, 1.578, 19.303

Deuteranopia

57, 8.741, 31.418



Tritanopia
57, 19.339, 6.428

Trichromacy



Original Color
57, 18.681, 12.847

Protanomaly
57, 7.717, 11.730

Deuteranomaly
57, 11.909, 23.341

Tritanomaly
57, 19.252, 8.076

Monochromacy



Original Color
57, 18.681, 12.847

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 6.491, 9.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 18.681, 12.847 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(170, 125, 130)` looks like.

```
.text, #text, p{  
    color:rgb(170, 125, 130)  
}
```

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(170, 125, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 125, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 18.681, 12.847 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(170, 125, 130) }
```

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

```
.border{ border-color:rgb(170, 125, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 125, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 125, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 125, 130);  
box-shadow:4px 4px 4px 4px rgb(170, 125,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 18.681, 12.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 125, 130) }
```

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

```
.background{ background-color: rgb(170,  
125, 130) }
```

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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