

Converting Colors

CIELCh(56, 21.326, 12.768)

Have a look what the booklet for
CIELCh(56, 21.326, 12.768) contains.

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Color

CIELCh(56, 21.326, 12.768)

Conversions

Conversions Part 1

Format	Color
Hex	AC797F
RGB	172, 121, 127
RGB Percent	67%, 47%, 50%
CMY	0.3262, 0.5261, 0.5026
CMYK	0.00, 0.30, 0.26, 0.33
HSL	353°, 23%, 57%
HSV	353°, 30%, 67%
XYZ	27.6107, 23.9124, 23.1821
YIQ	136.9330, 28.4700, 12.6780

Conversions

Conversions Part 2

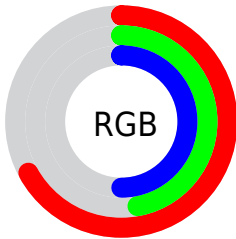
Format	Color
R_{YB}	172, 121, 127
Decimal	11303295
CIE Lab	56.00, 20.80, 4.71
CIE LCh	56, 21.326, 12.768
Yxy	23.9124, 0.3696, 0.3201
Android (android.graphics.Color)	4289493375 (0xFFAC797F)
YUV	136.9330, -4.8970, 30.7538
Hunter-Lab	48.9003, 15.2112, 6.1227

Details

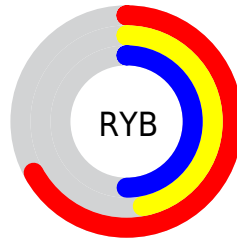
The CIELCh color **56, 21.326, 12.768** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **67, 18.288, 187.365**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 21.078, 12.556**, and **36, 21.033, 13.000** is the 20% darker color. If you saturate the color by 10%, you get **52, 29.242, 14.312**, and if you desaturate by 10%, it is **61, 13.735, 11.523**.

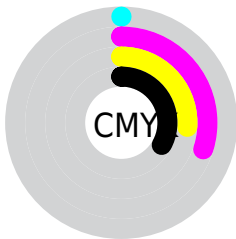
Distribution



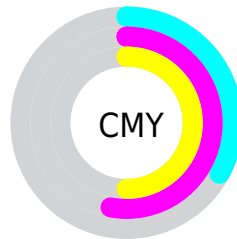
- Red (67%)
- Green (47%)
- Blue (50%)



- Red (67%)
- Yellow (47%)
- Blue (50%)



- Cyan (0%)
- Magenta (30%)
- Yellow (26%)
- Black (33%)



- Cyan (33%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 21.326, 12.768 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 56, 21.326, 12.768 by changing the saturation by 10% instead.

■ 56, 21.326, 12.768

■ 56, 21.326, 12.768

■ 100, 21.326,
12.768

■ 46, 21.326, 12.768

■ 76, 21.326, 12.768

■ 36, 21.326, 12.768

■ 86, 21.326, 12.768

■ 26, 21.326, 12.768

■ 96, 21.326, 12.768

■ 16, 21.326, 12.768

■ 6, 21.326, 12.768

■ 0, 21.326, 12.768

■ 56, 21.326, 12.768

■ 56, 21.326, 12.768

■ 52, 29.242, 14.312

■ 61, 13.735, 11.523

■ 47, 37.350, 16.245

■ 66, 6.548, 10.472

44, 45.434, 18.694

70, 0.213, 191.935

41, 53.224, 21.789

75, 6.554, 189.058

38, 60.457, 25.611

80, 12.502,
188.410

37, 66.926, 30.071

86, 18.088,
187.865

36, 72.577, 34.512

36, 72.756, 34.634

91, 23.350,
187.390

95, 26.964,
190.142

95, 26.260,
197.798

Harmonies

Complementary

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



56, 21.326, 12.768



67, 18.288, 187.365

Rectangle

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



56, 21.326, 12.768



56, 21.326, 62.768



56, 21.326, 192.768



56, 21.326, 242.768

Sweetspot

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



56, 21.324, 12.772



84, 7.559, 10.421



57, 33.223, 322.128



43, 5.269, 10.562



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



56, 21.324, 12.772



68, 32.736, 13.810



61, 17.366, 57.226



34, 3.857, 10.436



31, 65.590, 34.089



2, 7.892, 11.476

Inverse Universe

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



56, 21.324, 12.772



68, 32.736, 13.810



62, 14.977, 243.525



34, 3.857, 10.436



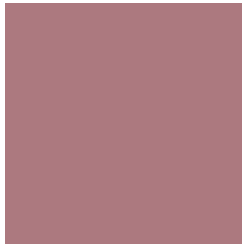
31, 65.590, 34.089



2, 7.892, 11.476

Previews

White Background



This preview shows how the CIELCh color 56, 21.326, 12.768 looks on a white background.

Color Contrast Check

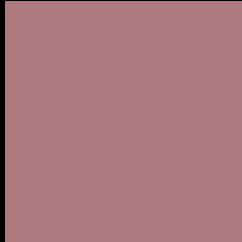
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 21.326, 12.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

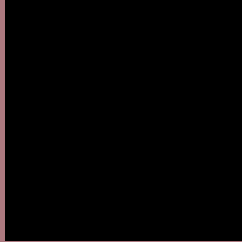
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 21.326, 12.768

Background



This preview shows how black text looks on a background with the CIELCh color 56, 21.326, 12.768.



This preview shows how white text looks on a background with the CIELCh color 56, 21.326, 12.768.

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

56, 21.326, 12.768

Protanopia

56, 1.185, 19.181

Deuteranopia

56, 9.112, 38.346



Tritanopia
56, 21.982, 7.144

Trichromacy



Original Color
56, 21.326, 12.768

Protanomaly
56, 8.566, 12.665

Deuteranomaly
56, 13.235, 23.244

Tritanomaly
56, 21.907, 8.602

Monochromacy



Original Color
56, 21.326, 12.768

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 7.728, 11.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 21.326, 12.768 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(172, 121, 127)` looks like.

```
.text, #text, p{  
    color:rgb(172, 121, 127)  
}
```

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(172, 121, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 121, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 21.326, 12.768 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(172, 121, 127) }
```

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

```
.border{ border-color:rgb(172, 121, 127) }
```

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

Here you see how a box with a 4 pixel rgb(172, 121, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 121, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 121, 127);  
box-shadow:4px 4px 4px 4px rgb(172, 121,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 21.326, 12.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 121, 127) }
```

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

```
.background{ background-color: rgb(172,  
121, 127) }
```

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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