

Converting Colors

CIELCh(57, 29.471, 38.931)

Have a look what the booklet for
CIELCh(57, 29.471, 38.931) contains.

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Color

CIELCh(57, 29.277, 38.794)

Conversions

Conversions Part 1

Format	Color
Hex	B8796A
RGB	184, 121, 106
RGB Percent	72%, 47%, 42%
CMY	0.2782, 0.5253, 0.5841
CMYK	0.00, 0.34, 0.42, 0.28
HSL	12°, 35%, 57%
HSV	12°, 42%, 72%
XYZ	29.2246, 24.9227, 16.9173
YIQ	138.1270, 42.3630, 8.6910

Conversions

Conversions Part 2

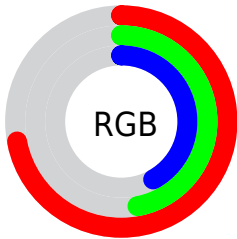
Format	Color
RYB	184, 125, 106
Decimal	12089706
CIELab	57.00, 22.82, 18.34
CIElCh	57, 29.277, 38.794
Yxy	24.9227, 0.4112, 0.3507
Android (android.graphics.Color)	4290279786 (0xFFB8796A)
YUV	138.1270, -15.8386, 40.2306
Hunter-Lab	49.9226, 17.1290, 14.8542

Details

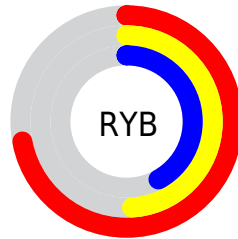
The CIELCh color **57, 29.277, 38.794** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **66, 21.505, 220.866**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 29.354, 39.314**, and **37, 28.855, 38.976** is the 20% darker color. If you saturate the color by 10%, you get **53, 37.646, 39.314**, and if you desaturate by 10%, it is **61, 21.467, 38.497**.

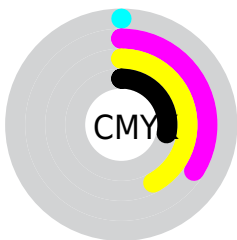
Distribution



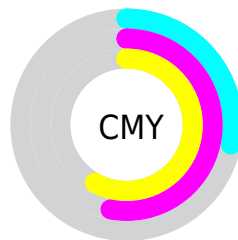
- Red (72%)
- Green (47%)
- Blue (42%)



- Red (72%)
- Yellow (49%)
- Blue (42%)



- Cyan (0%)
- Magenta (34%)
- Yellow (42%)
- Black (28%)



- Cyan (28%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 29.277, 38.794 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, 29.277, 38.794 by changing the saturation by 10% instead.

■ 57, 29.277, 38.794

■ 57, 29.277, 38.794

■ 100, 29.277,
38.794

■ 47, 29.277, 38.794

■ 77, 29.277, 38.794

■ 37, 29.277, 38.794

■ 87, 29.277, 38.794

■ 27, 29.277, 38.794

■ 97, 29.277, 38.794

■ 17, 29.277, 38.794

■ 7, 29.277, 38.794

■ 0, 29.277, 38.794

■ 57, 29.277, 38.794

■ 57, 29.277, 38.794

■ 53, 37.646, 39.314

■ 61, 21.467, 38.497

■ 50, 46.506, 40.068

■ 65, 14.235, 38.367

47, 55.672, 41.045

69, 7.557, 38.358

44, 64.739, 42.111

74, 1.396, 38.188

42, 72.802, 42.859

78, 4.299, 218.883

40, 77.916, 43.278

83, 9.575, 219.085

87, 14.482,
219.376

92, 19.064,
219.704

96, 22.774,
198.239

Harmonies

Complementary

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



57, 29.277, 38.794



66, 21.505, 220.866

Rectangle

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



57, 29.277, 38.794



57, 29.277, 88.794



57, 29.277, 218.794



57, 29.277, 268.794

Sweetspot

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



57, 29.276, 38.799



88, 9.868, 38.356



55, 45.380, 332.652



45, 6.963, 38.352



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



57, 29.276, 38.799



69, 45.336, 39.280



67, 31.173, 86.980



37, 3.408, 38.364



34, 68.403, 43.493



3, 9.369, 32.831

Inverse Universe

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



66, 21.505, 220.866



81, 30.604, 221.960



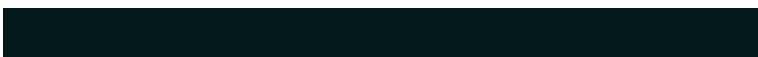
55, 31.243, 279.546



38, 3.217, 218.919



49, 30.242, 233.348



6, 8.557, 228.057

Previews

White Background



This preview shows how the CIELCh color 57, 29.277, 38.794 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, 29.277, 38.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

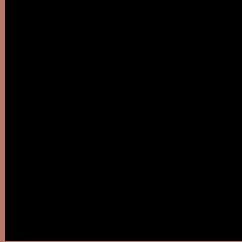
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 29.277, 38.794

Background



This preview shows how black text looks on a background with the CIELCh color 57, 29.277, 38.794.



This preview shows how white text looks on a background with the CIELCh color 57, 29.277, 38.794.

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, 29.277, 38.794

Protanopia

57, 14.012, 94.645

Deuteranopia

57, 20.503, 70.189



Tritanopia
57, 28.554, 12.704

Trichromacy



Original Color
57, 29.277, 38.794

Protanomaly
57, 17.103, 64.012

Deuteranomaly
57, 22.506, 55.804

Tritanomaly
57, 28.032, 22.612

Monochromacy



Original Color
57, 29.277, 38.794

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 10.092, 39.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 29.277, 38.794 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(184, 121, 106)` looks like.

```
.text, #text, p{  
    color:rgb(184, 121, 106)  
}
```

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(184, 121, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 121, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 29.277, 38.794 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(184, 121, 106) }
```

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

```
.border{ border-color:rgb(184, 121, 106) }
```

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

Here you see how a box with a 4 pixel rgb(184, 121, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 121, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 121, 106);  
box-shadow:4px 4px 4px 4px rgb(184, 121,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 29.277, 38.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 121, 106) }
```

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

```
.background{ background-color: rgb(184,  
121, 106) }
```

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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