

Converting Colors

CIELCh(57, 31.313, 338.967)

Have a look what the booklet for
CIELCh(57, 31.313, 338.967)
contains.

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Color

CIELCh(57, 31.622, 338.985)

Conversions

Conversions Part 1

Format	Color
Hex	B2769D
RGB	178, 118, 157
RGB Percent	70%, 46%, 62%
CMY	0.3013, 0.5366, 0.3836
CMYK	0.00, 0.34, 0.12, 0.30
HSL	321°, 28%, 58%
HSV	321°, 34%, 70%
XYZ	31.0000, 24.9227, 35.1522
YIQ	140.3860, 23.2410, 24.8490

Conversions

Conversions Part 2

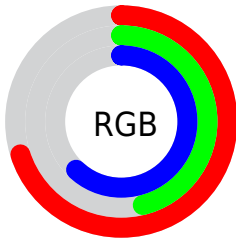
Format	Color
R _{YB}	178, 118, 157
Decimal	11695773
CIE Lab	57.00, 29.52, -11.34
CIE LCh	57, 31.622, 338.985
Yxy	24.9227, 0.3404, 0.2737
Android (android.graphics.Color)	4289885853 (0xFFB2769D)
YUV	140.3860, 8.1907, 32.9875
Hunter-Lab	49.9226, 23.4771, -6.8023

Details

The CIELCh color **57, 31.622, 338.985** is a light color, and the websafe version is hex **996699**. A complement of this color would be **68, 31.107, 153.525**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 31.845, 338.902**, and **37, 31.870, 338.558** is the 20% darker color. If you saturate the color by 10%, you get **53, 40.695, 339.917**, and if you desaturate by 10%, it is **61, 22.233, 338.134**.

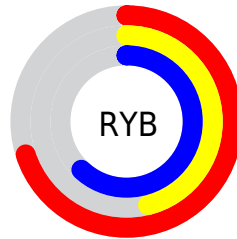
Distribution



Red (70%)

Green (46%)

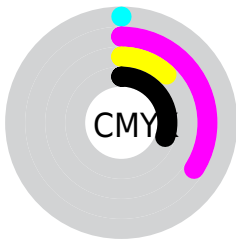
Blue (62%)



Red (70%)

Yellow (46%)

Blue (62%)

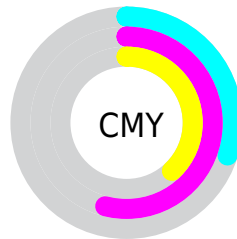


Cyan (0%)

Magenta (34%)

Yellow (12%)

Black (30%)



Cyan (30%)


Magenta (54%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 31.622, 338.985 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, 31.622, 338.985 by changing the saturation by 10% instead.


 57, 31.622,
338.985


 57, 31.622,
338.985


 100, 31.622,
338.985


 47, 31.622,
338.985


 77, 31.622,
338.985

 37, 31.622,
338.985

 87, 31.622,
338.985

 27, 31.622,
338.985

 97, 31.622,
338.985

 17, 31.622,
338.985

 7, 31.622, 338.985

 0, 31.622, 338.985

57, 31.622,
338.985

57, 31.622,
338.985

53, 40.695,
339.917

61, 22.233,
338.134

49, 49.125,
340.953

66, 12.776,
337.342

46, 56.488,
342.134

71, 3.409, 336.545

76, 5.768, 156.018

43, 62.324,
343.516

81, 14.701,
155.349

41, 66.239,
345.179

86, 23.363,
154.746

40, 68.048,
347.219

91, 31.748,
154.184

39, 68.499,
348.667

94, 36.539,
154.929

 94, 34.278,
158.663

Harmonies

Complementary

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



57, 31.622, 338.985



68, 31.107, 153.525

Rectangle

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



57, 31.622, 338.985



57, 31.622, 28.985



57, 31.622, 158.985



57, 31.622, 208.985

Sweetspot

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



57, 31.620, 338.986



86, 11.545, 337.072



54, 35.535, 305.764



45, 7.949, 337.179



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



57, 31.620, 338.986



69, 46.344, 339.629



56, 25.250, 10.884



35, 5.279, 337.007



33, 61.362, 348.337



2, 11.726, 341.504

Inverse Universe

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



57, 31.620, 338.986



69, 46.344, 339.629



68, 21.466, 184.236



35, 5.279, 337.007



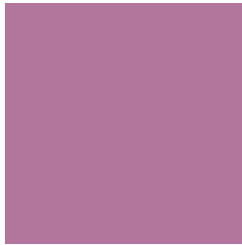
33, 61.362, 348.337



2, 11.726, 341.504

Previews

White Background



This preview shows how the CIELCh color 57, 31.622, 338.985 looks on a white background.

Color Contrast Check

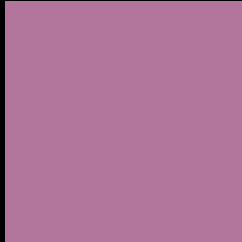
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.622, 338.985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

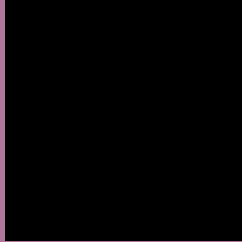
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 31.622, 338.985

Background



This preview shows how black text looks on a background with the CIELCh color 57, 31.622, 338.985.



This preview shows how white text looks on a background with the CIELCh color 57, 31.622, 338.985.

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, 31.622, 338.985

Protanopia
57, 18.917, 284.926

Deuteranopia
57, 11.856, 306.149



Tritanopia
57, 21.813, 8.534

Trichromacy



Original Color
57, 31.622, 338.985

Protanomaly
57, 21.042, 309.561

Deuteranomaly
57, 18.569, 325.362

Tritanomaly
57, 24.557, 355.013

Monochromacy



Original Color
57, 31.622, 338.985

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 11.723, 337.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 31.622, 338.985 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(178, 118, 157)` looks like.

```
.text, #text, p{  
    color:rgb(178, 118, 157)  
}
```

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(178, 118, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 118, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 31.622, 338.985 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(178, 118, 157) }
```

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

```
.border{ border-color:rgb(178, 118, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 118, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 118, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 118, 157);  
box-shadow:4px 4px 4px 4px rgb(178, 118,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 31.622, 338.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 118, 157) }
```

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

```
.background{ background-color: rgb(178,  
118, 157) }
```

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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