

Converting Colors

CIELCh(57, 31.135, 321.048)

Have a look what the booklet for
CIELCh(57, 31.135, 321.048)
contains.

CIELCh(57, 31.048, 321.052)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 31.048, 321.052)

Conversions

Conversions Part 1

Format	Color
Hex	A37BAB
RGB	163, 123, 171
RGB Percent	64%, 48%, 67%
CMY	0.3605, 0.5173, 0.3291
CMYK	0.05, 0.28, 0.00, 0.33
HSL	290°, 22%, 58%
HSV	290°, 28%, 67%
XYZ	29.5709, 24.9227, 41.8194
YIQ	140.4320, 8.4320, 23.4080

Conversions

Conversions Part 2

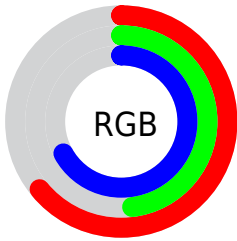
Format	Color
RYB	163, 123, 171
Decimal	10714027
CIELab	57.00, 24.15, -19.52
CIELCh	57, 31.048, 321.052
Yxy	24.9227, 0.3070, 0.2588
Android (android.graphics.Color)	4288904107 (0xFFA37BAB)
YUV	140.4320, 15.0700, 19.7921
Hunter-Lab	49.9226, 18.3674, -14.7205

Details

The CIELCh color **57, 31.048, 321.052** is a light color, and the websafe version is hex **996699**. A complement of this color would be **66, 30.731, 138.303**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 30.701, 321.004**, and **37, 31.008, 321.080** is the 20% darker color. If you saturate the color by 10%, you get **53, 42.075, 321.481**, and if you desaturate by 10%, it is **62, 19.900, 320.600**.

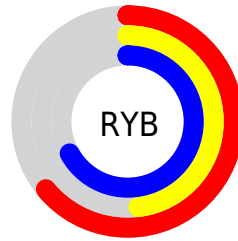
Distribution



Red (64%)

Green (48%)

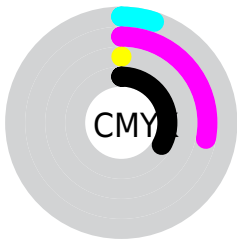
Blue (67%)



Red (64%)

Yellow (48%)

Blue (67%)

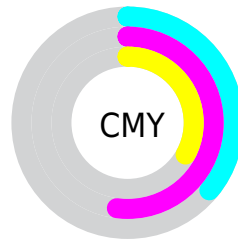


Cyan (5%)

Magenta (28%)

Yellow (0%)

Black (33%)



Cyan (36%)


Magenta (52%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 31.048, 321.052 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, 31.048, 321.052 by changing the saturation by 10% instead.


 57, 31.048,
321.052


 57, 31.048,
321.052


 100, 31.048,
321.052


 47, 31.048,
321.052


 77, 31.048,
321.052

 37, 31.048,
321.052

 87, 31.048,
321.052

 27, 31.048,
321.052

 97, 31.048,
321.052

 17, 31.048,
321.052

 7, 31.048, 321.052

 0, 31.048, 321.052

57, 31.048,
321.052

57, 31.048,
321.052

53, 42.075,
321.481

62, 19.900,
320.600

49, 52.727,
321.865

66, 8.815, 320.137

45, 62.644,
322.176

71, 2.093, 139.808

42, 71.380,
322.378

76, 12.758,
139.305

39, 78.454,
322.433

81, 23.140,
138.895

37, 83.458,
322.304

85, 33.226,
138.515


36, 86.404,
321.990

90, 43.010,
138.163

35, 86.911,

94, 49.635,
137.666

321.926

 94, 49.111,
136.731

Harmonies

Complementary

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



57, 31.048, 321.052



66, 30.731, 138.303

Rectangle

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



57, 31.048, 321.052



57, 31.048, 11.052



57, 31.048, 141.052



57, 31.048, 191.052

Sweetspot

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



57, 31.046, 321.052



84, 10.813, 320.141



55, 23.035, 286.076



44, 7.756, 320.210



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, 31.046, 321.052



69, 46.483, 321.336



57, 25.796, 337.730



34, 6.268, 320.196



31, 79.054, 321.988



2, 12.909, 317.889

Inverse Universe

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



57, 20.118, 8.787



69, 30.570, 9.741



66, 25.464, 153.415



34, 3.905, 6.593



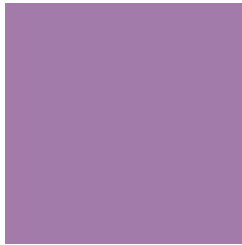
31, 63.531, 30.927



2, 7.973, 8.252

Previews

White Background



This preview shows how the CIELCh color 57, 31.048, 321.052 looks on a white background.

Color Contrast Check

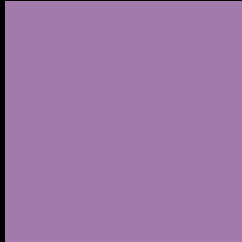
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.048, 321.052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

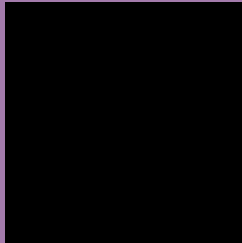
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 31.048, 321.052

Background



This preview shows how black text looks on a background with the CIELCh color 57, 31.048, 321.052.

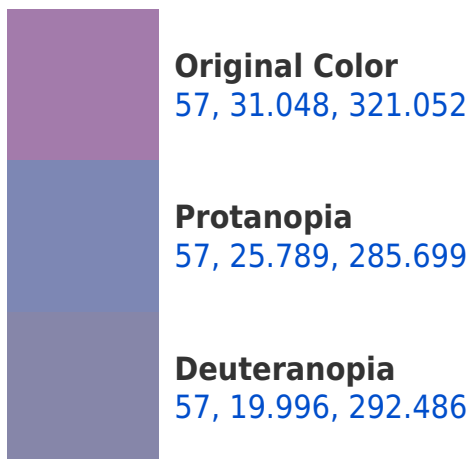


This preview shows how white text looks on a background with the CIELCh color 57, 31.048, 321.052.

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





Tritanopia
57, 12.873, 354.682

Trichromacy



Original Color
57, 31.048, 321.052

Protanomaly
57, 26.511, 299.161

Deuteranomaly
57, 23.589, 305.906

Tritanomaly
57, 18.698, 334.573

Monochromacy



Original Color
57, 31.048, 321.052

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 11.798, 320.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 31.048, 321.052 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(163, 123, 171)` looks like.

```
.text, #text, p{  
    color:rgb(163, 123, 171)  
}
```

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(163, 123, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 123, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 31.048, 321.052 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(163, 123, 171) }
```

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

```
.border{ border-color:rgb(163, 123, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 123, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 123, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 123, 171);  
box-shadow:4px 4px 4px 4px rgb(163, 123,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 31.048, 321.052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 123, 171) }
```

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

```
.background{ background-color: rgb(163,  
123, 171) }
```

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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