

Converting Colors

CIELCh(57, 38.734, 331.612)

Have a look what the booklet for
CIELCh(57, 38.734, 331.612)
contains.

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Color

CIELCh(57, 38.597, 331.714)

Conversions

Conversions Part 1

Format	Color
Hex	B473A9
RGB	180, 115, 169
RGB Percent	71%, 45%, 66%
CMY	0.2931, 0.5481, 0.3363
CMYK	0.00, 0.36, 0.06, 0.29
HSL	310°, 30%, 58%
HSV	310°, 36%, 71%
XYZ	32.2235, 24.9227, 40.7693
YIQ	140.5910, 21.4060, 30.5740

Conversions

Conversions Part 2

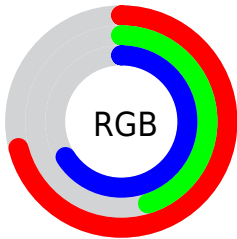
Format	Color
R _Y B	180, 115, 169
Decimal	11826089
CIE Lab	57.00, 33.99, -18.29
CIE LCh	57, 38.597, 331.714
Yxy	24.9227, 0.3291, 0.2545
Android (android.graphics.Color)	4290016169 (0xFFB473A9)
YUV	140.5910, 14.0056, 34.5617
Hunter-Lab	49.9226, 27.8517, -13.4734

Details

The CIELCh color $57, 38.597, 331.714$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $68, 38.509, 146.684$, and the grayscale version is $59, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 38.540, 331.981$, and $37, 38.691, 331.627$ is the 20% darker color. If you saturate the color by 10%, you get $53, 48.688, 332.370$, and if you desaturate by 10%, it is $61, 28.012, 331.069$.

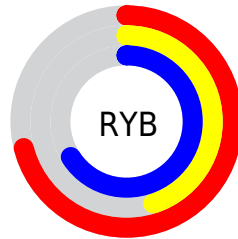
Distribution



Red (71%)

Green (45%)

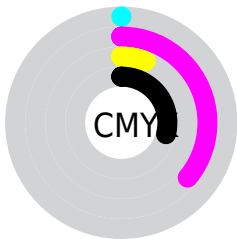
Blue (66%)



Red (71%)

Yellow (45%)

Blue (66%)

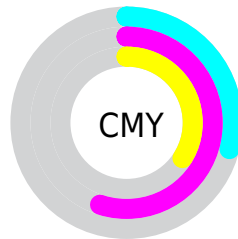


Cyan (0%)

Magenta (36%)

Yellow (6%)

Black (29%)



Cyan (29%)


Magenta (55%)


Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 38.597, 331.714 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, 38.597, 331.714 by changing the saturation by 10% instead.


 57, 38.597,
331.714


 57, 38.597,
331.714


 100, 38.597,
331.714


 47, 38.597,
331.714

 77, 38.597,
331.714

 37, 38.597,
331.714

 87, 38.597,
331.714

 27, 38.597,
331.714

 97, 38.597,
331.714

 17, 38.597,
331.714

 7, 38.597, 331.714

 0, 38.597, 331.714

57, 38.597,
331.714

57, 38.597,
331.714

53, 48.688,
332.370

61, 28.012,
331.069

49, 57.906,
333.035

66, 17.235,
330.435

46, 65.797,
333.715

70, 6.472, 329.798

75, 4.140, 149.320

44, 71.903,
334.421

80, 14.517,
148.706

42, 75.878,
335.171


85, 24.614,
148.159

41, 77.656,
335.994

90, 34.410,
147.643

41, 78.072,
336.328

94, 41.287,
147.600

 94, 40.063,
148.974

Harmonies

Complementary

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



57, 38.597, 331.714



68, 38.509, 146.684

Rectangle

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



57, 38.597, 331.714



57, 38.597, 21.714



57, 38.597, 151.714



57, 38.597, 201.714

Sweetspot

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



57, 38.595, 331.714



86, 14.580, 330.128



52, 38.062, 300.012



45, 9.796, 330.212



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, 38.595, 331.714



69, 56.511, 332.216



56, 28.648, 357.766



35, 6.004, 330.009



35, 69.292, 336.206



2, 13.715, 332.053

Inverse Universe

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



57, 38.595, 331.714



69, 56.511, 332.216



69, 26.091, 170.069



35, 6.004, 330.009



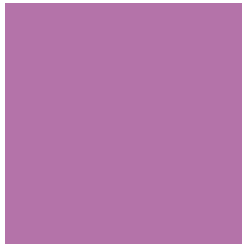
35, 69.292, 336.206



2, 13.715, 332.053

Previews

White Background



This preview shows how the CIELCh color 57, 38.597, 331.714 looks on a white background.

Color Contrast Check

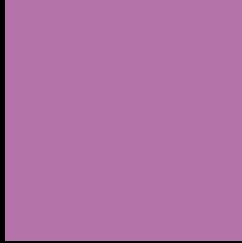
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.597, 331.714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

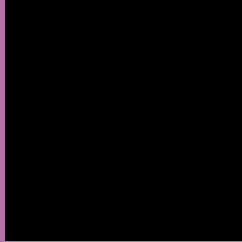
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 38.597, 331.714

Background



This preview shows how black text looks on a background with the CIELCh color 57, 38.597, 331.714.

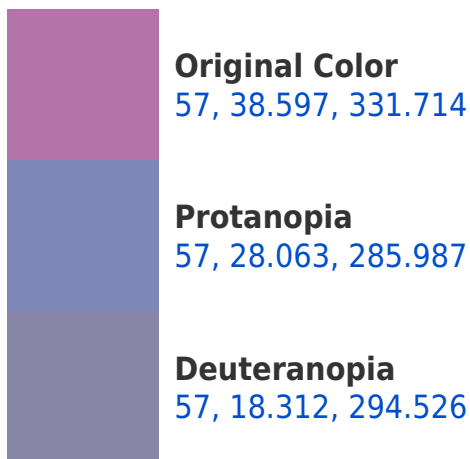



This preview shows how white text looks on a background with the CIELCh color 57, 38.597, 331.714.

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, 22.219, 8.841

Trichromacy



Original Color
57, 38.597, 331.714

Protanomaly
57, 29.815, 304.161

Deuteranomaly
57, 24.724, 314.323

Tritanomaly
57, 26.993, 349.761

Monochromacy



Original Color
57, 38.597, 331.714

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 14.018, 330.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 38.597, 331.714 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(180, 115, 169)` looks like.

```
.text, #text, p{  
    color:rgb(180, 115, 169)  
}
```

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(180, 115, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 115, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 38.597, 331.714 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(180, 115, 169) }
```

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

```
.border{ border-color:rgb(180, 115, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 115, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 115, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 115, 169);  
box-shadow:4px 4px 4px 4px rgb(180, 115,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 38.597, 331.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 115, 169) }
```

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

```
.background{ background-color: rgb(180,  
115, 169) }
```

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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