

Converting Colors

CIELCh(57, 33.054, 340.338)

Have a look what the booklet for
CIELCh(57, 33.054, 340.338)
contains.

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Color

CIELCh(57, 33.054, 340.338)

Conversions

Conversions Part 1

Format	Color
Hex	B5759D
RGB	181, 117, 157
RGB Percent	71%, 46%, 62%
CMY	0.2908, 0.5417, 0.3849
CMYK	0.00, 0.35, 0.13, 0.29
HSL	322°, 30%, 58%
HSV	322°, 35%, 71%
XYZ	31.4366, 24.9227, 34.9846
YIQ	140.6960, 25.3040, 26.0080

Conversions

Conversions Part 2

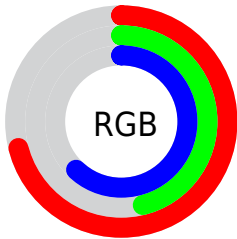
Format	Color
RYB	181, 117, 157
Decimal	11892125
CIELab	57.00, 31.13, -11.12
CIElCh	57, 33.054, 340.338
Yxy	24.9227, 0.3442, 0.2728
Android (android.graphics.Color)	4290082205 (0xFFB5759D)
YUV	140.6960, 8.0379, 35.3466
Hunter-Lab	49.9226, 25.0380, -6.6033

Details

The CIELCh color **57, 33.054, 340.338** is a light color, and the websafe version is hex **996699**. A complement of this color would be **69, 32.397, 154.389**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 33.241, 340.115**, and **37, 33.280, 340.133** is the 20% darker color. If you saturate the color by 10%, you get **53, 42.026, 341.336**, and if you desaturate by 10%, it is **61, 23.726, 339.437**.

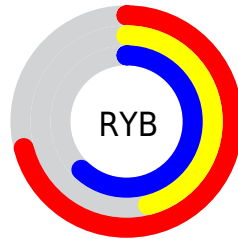
Distribution



Red (71%)

Green (46%)

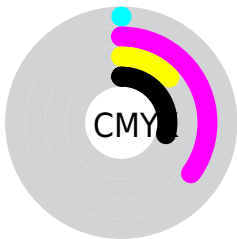
Blue (62%)



Red (71%)

Yellow (46%)

Blue (62%)

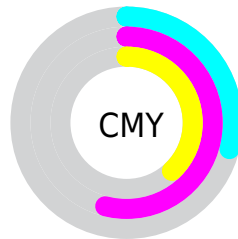


Cyan (0%)

Magenta (35%)

Yellow (13%)

Black (29%)



Cyan (29%)


Magenta (54%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 33.054, 340.338 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, 33.054, 340.338 by changing the saturation by 10% instead.


 57, 33.054,
340.338


 57, 33.054,
340.338


 100, 33.054,
340.338


 47, 33.054,
340.338


 77, 33.054,
340.338

 37, 33.054,
340.338

 87, 33.054,
340.338

 27, 33.054,
340.338

 97, 33.054,
340.338

 17, 33.054,
340.338

 7, 33.054, 340.338

 0, 33.054, 340.338

57, 33.054,
340.338

57, 33.054,
340.338

53, 42.026,
341.336

61, 23.726,
339.437

49, 50.298,
342.463

66, 14.306,
338.607

46, 57.432,
343.766

71, 4.963, 337.804

43, 62.967,
345.317

76, 4.196, 157.249

41, 66.529,
347.209

81, 13.112,
156.538


40, 68.004,
349.551

86, 21.757,
155.915

40, 68.341,
350.729

91, 30.123,
155.338

94, 34.421,
156.454

 94, 32.033,
160.906

Harmonies

Complementary

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



57, 33.054, 340.338



69, 32.397, 154.389

Rectangle

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



57, 33.054, 340.338



57, 33.054, 30.338



57, 33.054, 160.338



57, 33.054, 210.338

Sweetspot

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



57, 33.052, 340.339



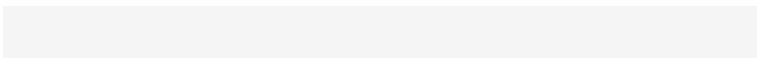
86, 12.600, 338.272



54, 37.945, 306.438



45, 8.468, 338.378



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, 33.052, 340.339



69, 48.214, 341.058



56, 26.930, 12.429



35, 5.186, 338.124



33, 60.559, 350.328



2, 11.508, 342.879

Inverse Universe

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



57, 33.052, 340.339



69, 48.214, 341.058



69, 22.500, 185.501



35, 5.186, 338.124



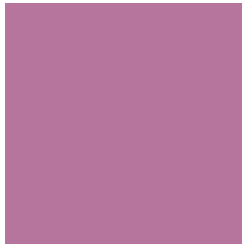
33, 60.559, 350.328



2, 11.508, 342.879

Previews

White Background



This preview shows how the CIELCh color 57, 33.054, 340.338 looks on a white background.

Color Contrast Check

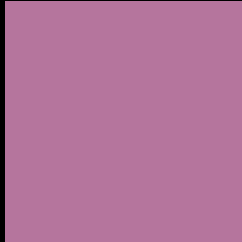
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.054, 340.338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

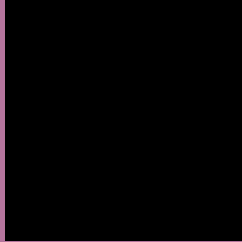
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 33.054, 340.338

Background



This preview shows how black text looks on a background with the CIELCh color 57, 33.054, 340.338.



This preview shows how white text looks on a background with the CIELCh color 57, 33.054, 340.338.

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, 33.054, 340.338

Protanopia

57, 19.480, 285.229

Deuteranopia

57, 11.959, 307.906



Tritanopia
57, 23.472, 9.733

Trichromacy



Original Color
57, 33.054, 340.338

Protanomaly
57, 21.826, 311.011

Deuteranomaly
57, 18.993, 327.367

Tritanomaly
57, 26.021, 356.924

Monochromacy



Original Color
57, 33.054, 340.338

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 12.398, 337.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 33.054, 340.338 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(181, 117, 157)` looks like.

```
.text, #text, p{  
    color:rgb(181, 117, 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(181, 117, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 117, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 33.054, 340.338 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(181, 117, 157) }
```

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

```
.border{ border-color:rgb(181, 117, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 117, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 117, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 117, 157);  
box-shadow:4px 4px 4px 4px rgb(181, 117,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 33.054, 340.338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 117, 157) }
```

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

```
.background{ background-color: rgb(181,  
117, 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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