

Converting Colors

CIELCh(57, 34.772, 342.502)

Have a look what the booklet for
CIELCh(57, 34.772, 342.502)
contains.

CIELCh(57, 34.794, 342.099)	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, 34.794, 342.099)

Conversions

Conversions Part 1

Format	Color
Hex	B8739C
RGB	184, 115, 156
RGB Percent	72%, 45%, 61%
CMY	0.2777, 0.5483, 0.3875
CMYK	0.00, 0.37, 0.15, 0.28
HSL	324°, 33%, 59%
HSV	324°, 37%, 72%
XYZ	31.9805, 24.9227, 34.6585
YIQ	140.3050, 27.9630, 27.3790

Conversions

Conversions Part 2

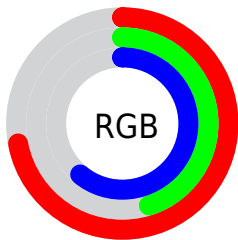
Format	Color
RYB	184, 115, 156
Decimal	12088220
CIELab	57.00, 33.11, -10.69
CIELCh	57, 34.794, 342.099
Yxy	24.9227, 0.3493, 0.2722
Android (android.graphics.Color)	4290278300 (0xFFB8739C)
YUV	140.3050, 7.7376, 38.3205
Hunter-Lab	49.9226, 26.9828, -6.2160

Details

The CIELCh color $57, 34.794, 342.099$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $69, 33.917, 155.506$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 34.939, 341.698$, and $37, 34.975, 342.188$ is the 20% darker color. If you saturate the color by 10%, you get $53, 43.640, 343.191$, and if you desaturate by 10%, it is $62, 25.542, 341.128$.

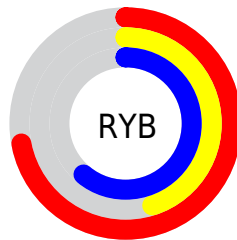
Distribution



Red (72%)

Green (45%)

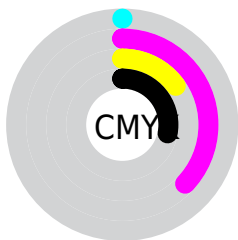
Blue (61%)



Red (72%)

Yellow (45%)

Blue (61%)

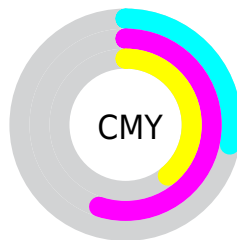


Cyan (0%)

Magenta (37%)

Yellow (15%)

Black (28%)



Cyan (28%)

Magenta (55%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 34.794, 342.099 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, 34.794, 342.099 by changing the saturation by 10% instead.


 57, 34.794,
342.099

 57, 34.794,
342.099

 100, 34.794,
342.099


 47, 34.794,
342.099

 77, 34.794,
342.099

 37, 34.794,
342.099

 87, 34.794,
342.099

 27, 34.794,
342.099

 97, 34.794,
342.099

 17, 34.794,
342.099

 7, 34.794, 342.099

 0, 34.794, 342.099

57, 34.794,
342.099

57, 34.794,
342.099

53, 43.640,
343.191

62, 25.542,
341.128

49, 51.716,
344.444

66, 16.166,
340.245

46, 58.567,
345.922

71, 6.851, 339.415

43, 63.735,
347.711

76, 2.288, 158.881

41, 66.885,
349.927

81, 11.184,
158.076

40, 68.069,
352.665

86, 19.808,
157.426

40, 68.274,
353.397

91, 28.148,
156.828

95, 31.849,
158.517

■ 95, 29.332,
164.050

Harmonies

Complementary

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



57, 34.794, 342.099



69, 33.917, 155.506

Rectangle

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



57, 34.794, 342.099



57, 34.794, 32.099



57, 34.794, 162.099



57, 34.794, 212.099

Sweetspot

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



57, 34.792, 342.100



88, 12.546, 339.721



54, 41.044, 307.673



46, 8.435, 339.832



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, 34.792, 342.100



69, 51.372, 342.994



56, 29.102, 15.320



36, 5.194, 339.569



34, 60.397, 352.945



3, 12.958, 345.353

Inverse Universe

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



57, 34.792, 342.100



69, 51.372, 342.994



70, 23.607, 188.259



36, 5.194, 339.569



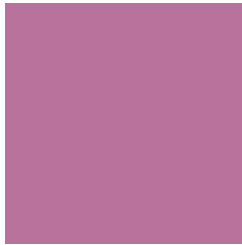
34, 60.397, 352.945



3, 12.958, 345.353

Previews

White Background



This preview shows how the CIELCh color 57, 34.794, 342.099 looks on a white background.

Color Contrast Check

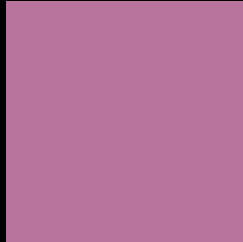
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.794, 342.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

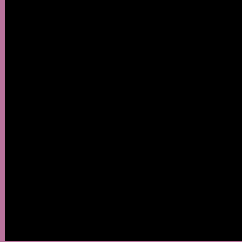
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 34.794, 342.099

Background



This preview shows how black text looks on a background with the CIELCh color 57, 34.794, 342.099.



This preview shows how white text looks on a background with the CIELCh color 57, 34.794, 342.099.

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, 25.590, 11.081

Trichromacy



Original Color
57, 34.794, 342.099

Protanomaly
57, 22.620, 312.367

Deuteranomaly
57, 19.461, 329.299

Tritanomaly
57, 28.074, 357.998

Monochromacy



Original Color
57, 34.794, 342.099

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 12.991, 339.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 34.794, 342.099 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, 115, 156)` looks like.

```
.text, #text, p{  
    color:rgb(184, 115, 156)  
}
```

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, 115, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 115, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 34.794, 342.099 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, 115, 156) }
```

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

```
.border{ border-color:rgb(184, 115, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 115, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 115, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 115, 156);  
box-shadow:4px 4px 4px 4px rgb(184, 115,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 34.794, 342.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 115, 156) }
```

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

```
.background{ background-color: rgb(184,  
115, 156) }
```

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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