

Converting Colors

CIELCh(59, 35.284, 342.639)

Have a look what the booklet for
CIELCh(59, 35.284, 342.639)
contains.

CIELCh(59, 35.186, 342.947)	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(59, 35.186, 342.947)

Conversions

Conversions Part 1

Format	Color
Hex	BF78A1
RGB	191, 120, 161
RGB Percent	75%, 47%, 63%
CMY	0.2515, 0.5299, 0.3692
CMYK	0.00, 0.37, 0.16, 0.25
HSL	325°, 36%, 61%
HSV	325°, 37%, 75%
XYZ	34.5718, 27.0277, 37.0506
YIQ	145.9030, 29.1550, 27.8030

Conversions

Conversions Part 2

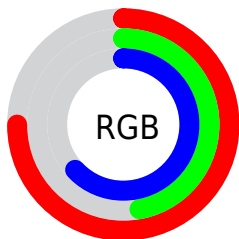
Format	Color
RYB	191, 120, 161
Decimal	12548257
CIELab	59.00, 33.64, -10.32
CIELCh	59, 35.186, 342.947
Yxy	27.0277, 0.3504, 0.2740
Android (android.graphics.Color)	4290738337 (0xFFBF78A1)
YUV	145.9030, 7.4428, 39.5501
Hunter-Lab	51.9882, 27.7220, -5.8627

Details

The CIELCh color $59, 35.186, 342.947$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $72, 34.203, 156.283$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 35.343, 342.503$, and $39, 34.770, 343.350$ is the 20% darker color. If you saturate the color by 10%, you get $55, 44.228, 344.077$, and if you desaturate by 10%, it is $64, 25.745, 341.947$.

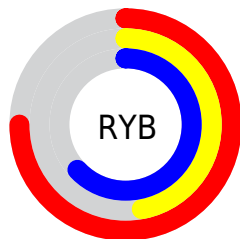
Distribution



Red (75%)

Green (47%)

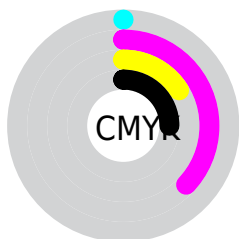
Blue (63%)



Red (75%)

Yellow (47%)

Blue (63%)

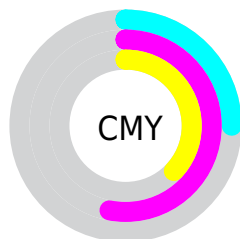


Cyan (0%)

Magenta (37%)

Yellow (16%)

Black (25%)



Cyan (25%)


Magenta (53%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 35.186, 342.947 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 59, 35.186, 342.947 by changing the saturation by 10% instead.


 59, 35.186,
342.947


 59, 35.186,
342.947


 100, 35.186,
342.947


 49, 35.186,
342.947


 79, 35.186,
342.947

 39, 35.186,
342.947

 89, 35.186,
342.947

 29, 35.186,
342.947

 99, 35.186,
342.947

 19, 35.186,
342.947

 9, 35.186, 342.947

 0, 35.186, 342.947

59, 35.186,
342.947

59, 35.186,
342.947

55, 44.228,
344.077

64, 25.745,
341.947

51, 52.499,
345.382

69, 16.192,
341.042

47, 59.533,
346.929

74, 6.712, 340.194

45, 64.857,
348.815

79, 2.578, 159.640

43, 68.129,
351.160

84, 11.615,
158.836

42, 69.376,
354.078

89, 20.367,
158.178

42, 69.603,
354.948

95, 28.828,
157.574

95, 26.969,
163.414

■ 95, 24.568,
171.052

Harmonies

Complementary

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



59, 35.186, 342.947



72, 34.203, 156.283

Rectangle

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



59, 35.186, 342.947



59, 35.186, 32.947



59, 35.186, 162.947



59, 35.186, 212.947

Sweetspot

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



59, 35.183, 342.948



90, 12.722, 340.530



56, 42.006, 308.202



48, 8.629, 340.645



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



59, 35.183, 342.948



71, 52.164, 343.901



58, 29.753, 16.562



37, 5.252, 340.376



34, 60.688, 354.425



3, 14.634, 347.014

Inverse Universe

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



59, 35.183, 342.948



71, 52.164, 343.901



73, 23.953, 189.784



37, 5.252, 340.376



34, 60.688, 354.425



3, 14.634, 347.014

Previews

White Background



This preview shows how the CIELCh color 59, 35.186, 342.947 looks on a white background.

Color Contrast Check

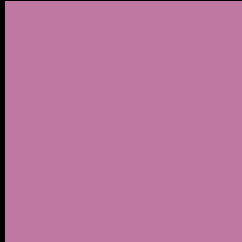
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 35.186, 342.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

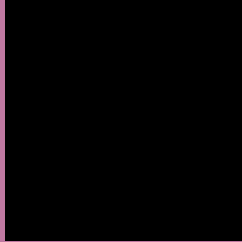
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 35.186, 342.947

Background



This preview shows how black text looks on a background with the CIELCh color 59, 35.186, 342.947.



This preview shows how white text looks on a background with the CIELCh color 59, 35.186, 342.947.

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

59, 35.186, 342.947

Protanopia

59, 19.324, 286.141

Deuteranopia

59, 11.462, 310.493



Tritanopia
59, 26.228, 11.424

Trichromacy



Original Color
59, 35.186, 342.947

Protanomaly
59, 22.603, 313.231

Deuteranomaly
59, 19.577, 330.198

Tritanomaly
59, 28.637, 358.671

Monochromacy



Original Color
59, 35.186, 342.947

Achromatopsia
61, 0.008, 296.813

Achromatomaly
59, 13.207, 340.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 35.186, 342.947 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(191, 120, 161)` looks like.

```
.text, #text, p{  
    color:rgb(191, 120, 161)  
}
```

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(191, 120, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 120, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 35.186, 342.947 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(191, 120, 161) }
```

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

```
.border{ border-color:rgb(191, 120, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 120, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 120, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 120, 161);  
box-shadow:4px 4px 4px 4px rgb(191, 120,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 35.186, 342.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 120, 161) }
```

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

```
.background{ background-color: rgb(191,  
120, 161) }
```

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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