

Converting Colors

CIELCh(60, 34.311, 348.936)

Have a look what the booklet for
CIELCh(60, 34.311, 348.936)
contains.

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Color

CIELCh(60, 34.311, 348.936)

Conversions

Conversions Part 1

Format	Color
Hex	C47A9D
RGB	196, 122, 157
RGB Percent	77%, 48%, 62%
CMY	0.2310, 0.5212, 0.3840
CMYK	0.00, 0.38, 0.20, 0.23
HSL	332°, 39%, 62%
HSV	332°, 38%, 77%
XYZ	35.8498, 28.1233, 35.4736
YIQ	148.1160, 32.8690, 26.5730

Conversions

Conversions Part 2

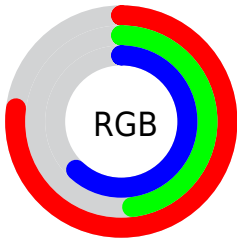
Format	Color
R_{YB}	196, 122, 157
Decimal	12876445
CIE Lab	60.00, 33.67, -6.58
CIE LCh	60, 34.311, 348.936
Yxy	28.1233, 0.3605, 0.2828
Android (android.graphics.Color)	4291066525 (0xFFC47A9D)
YUV	148.1160, 4.3798, 41.9943
Hunter-Lab	53.0314, 27.8627, -2.5380

Details

The CIELCh color $60, 34.311, 348.936$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $74, 32.572, 161.430$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 34.195, 348.814$, and $40, 34.733, 348.746$ is the 20% darker color. If you saturate the color by 10%, you get $56, 43.140, 350.331$, and if you desaturate by 10%, it is $65, 25.158, 347.742$.

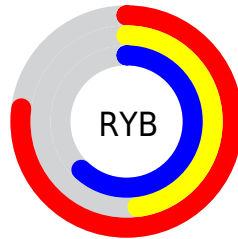
Distribution



Red (77%)

Green (48%)

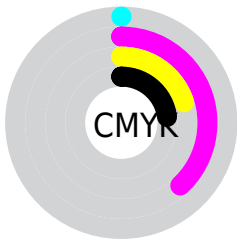
Blue (62%)



Red (77%)

Yellow (48%)

Blue (62%)

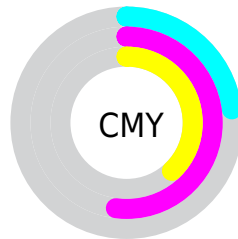


Cyan (0%)

Magenta (38%)

Yellow (20%)

Black (23%)



Cyan (23%)


Magenta (52%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 34.311, 348.936 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 60, 34.311, 348.936 by changing the saturation by 10% instead.


 60, 34.311,
348.936


 60, 34.311,
348.936


 100, 34.311,
348.936


 50, 34.311,
348.936


 80, 34.311,
348.936


 40, 34.311,
348.936

 90, 34.311,
348.936

 30, 34.311,
348.936

 20, 34.311,
348.936

 10, 34.311,
348.936

 0, 34.311, 348.936

 60, 34.311,

 60, 34.311,

348.936

348.936

56, 43.140,
350.331

65, 25.158,
347.742

51, 51.281,
351.995

70, 15.956,
346.691

48, 58.281,
354.035

75, 6.878, 345.731

45, 63.689,
356.589

80, 1.971, 165.164

43, 67.206,
359.824

86, 10.536,
164.238

42, 68.970, 3.848

91, 18.797,
163.527

42, 69.318, 4.800

96, 24.291,
165.205

96, 21.491,
176.687

■ 96, 19.696,
190.827

Harmonies

Complementary

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



60, 34.311, 348.936



74, 32.572, 161.430

Rectangle

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



60, 34.311, 348.936



60, 34.311, 38.936



60, 34.311, 168.936



60, 34.311, 218.936

Sweetspot

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



60, 34.308, 348.937



93, 12.153, 346.056



57, 44.135, 311.477



49, 8.180, 346.186



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 34.308, 348.937



72, 50.433, 350.028



59, 30.872, 24.089



38, 5.001, 345.884



34, 59.830, 4.061



3, 15.605, 353.948

Inverse Universe

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



60, 34.308, 348.937



72, 50.433, 350.028



74, 23.644, 199.274



38, 5.001, 345.884



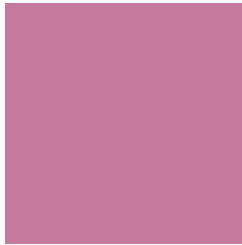
34, 59.830, 4.061



3, 15.605, 353.948

Previews

White Background



This preview shows how the CIELCh color 60, 34.311, 348.936 looks on a white background.

Color Contrast Check

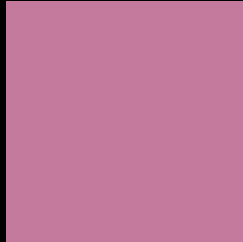
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 34.311, 348.936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

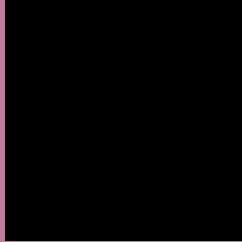
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 34.311, 348.936

Background



This preview shows how black text looks on a background with the CIELCh color 60, 34.311, 348.936.



This preview shows how white text looks on a background with the CIELCh color 60, 34.311, 348.936.

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
60, 28.259, 11.354

Trichromacy



Original Color
60, 34.311, 348.936

Protanomaly
60, 19.260, 319.591

Deuteranomaly
60, 18.269, 341.085

Tritanomaly
60, 29.766, 2.176

Monochromacy



Original Color
60, 34.311, 348.936

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 12.197, 347.131

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 34.311, 348.936 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(196, 122, 157)` looks like.

```
.text, #text, p{  
    color:rgb(196, 122, 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(196, 122, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 122, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 34.311, 348.936 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(196, 122, 157) }
```

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

```
.border{ border-color:rgb(196, 122, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 122, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 122, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 122, 157);  
box-shadow:4px 4px 4px 4px rgb(196, 122,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 34.311, 348.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 122, 157) }
```

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

```
.background{ background-color: rgb(196,  
122, 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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