

Converting Colors

CIELCh(50, 60.044, 340.622)

Have a look what the booklet for
CIELCh(50, 60.044, 340.622)
contains.

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Color

CIELCh(50, 60.035, 340.657)

Conversions

Conversions Part 1

Format	Color
Hex	C1499A
RGB	193, 73, 154
RGB Percent	76%, 29%, 60%
CMY	0.2434, 0.7139, 0.3963
CMYK	0.00, 0.62, 0.20, 0.24
HSL	319°, 49%, 52%
HSV	319°, 62%, 76%
XYZ	30.1845, 18.4187, 32.5125
YIQ	118.1140, 45.5190, 50.6310

Conversions

Conversions Part 2

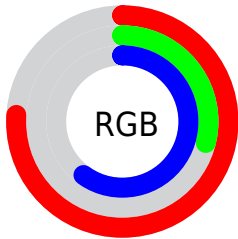
Format	Color
RYB	193, 73, 154
Decimal	12667290
CIELab	50.00, 56.65, -19.88
CIElCh	50, 60.035, 340.657
Yxy	18.4187, 0.3721, 0.2271
Android (android.graphics.Color)	4290857370 (0xFFC1499A)
YUV	118.1140, 17.6918, 65.6750
Hunter-Lab	42.9170, 50.4386, -14.8743

Details

The CIELCh color **50, 60.035, 340.657** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **70, 60.041, 148.811**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 60.249, 340.422**, and **30, 60.040, 340.523** is the 20% darker color. If you saturate the color by 10%, you get **47, 66.539, 341.912**, and if you desaturate by 10%, it is **54, 51.918, 339.570**.

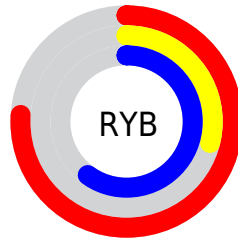
Distribution



Red (76%)

Green (29%)

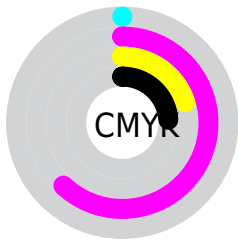
Blue (60%)



Red (76%)

Yellow (29%)

Blue (60%)

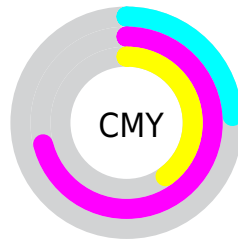


Cyan (0%)

Magenta (62%)

Yellow (20%)

Black (24%)



Cyan (24%)


Magenta (71%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 60.035, 340.657 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 50, 60.035, 340.657 by changing the saturation by 10% instead.


 50, 60.035,
340.657


 50, 60.035,
340.657


 100, 60.035,
340.657


 40, 60.035,
340.657


 70, 60.035,
340.657

 30, 60.035,
340.657


 80, 60.035,
340.657


 20, 60.035,
340.657

 90, 60.035,
340.657

 10, 60.035,
340.657

 0, 60.035, 340.657

 50, 60.035,
340.657

 50, 60.035,
340.657

47, 66.539,
341.912

54, 51.918,
339.570

45, 70.994,
343.402

58, 42.694,
338.601

43, 73.168,
345.211

62, 32.807,
337.720

43, 73.652,
346.843

67, 22.609,
336.906

72, 12.353,
336.141

77, 2.205, 335.311

82, 7.731, 154.847

87, 17.400,
154.203

93, 26.776,
153.614

Harmonies

Complementary

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



50, 60.035, 340.657



70, 60.041, 148.811

Rectangle

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



50, 60.035, 340.657



50, 60.035, 30.657



50, 60.035, 160.657



50, 60.035, 210.657

Sweetspot

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



50, 60.032, 340.657



86, 23.855, 336.681



41, 72.096, 307.125



44, 16.433, 336.905



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



50, 60.032, 340.657



59, 83.303, 342.473



48, 51.450, 14.546



38, 5.752, 335.929



35, 64.474, 346.507



3, 17.876, 341.719

Inverse Universe

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



50, 60.032, 340.657



59, 83.303, 342.473



71, 38.672, 178.254



38, 5.752, 335.929



35, 64.474, 346.507



3, 17.876, 341.719

Previews

White Background



This preview shows how the CIELCh color 50, 60.035, 340.657 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 50, 60.035, 340.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

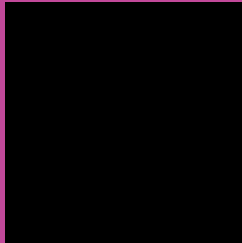
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 60.035, 340.657

Background



This preview shows how black text looks on a background with the CIELCh color 50, 60.035, 340.657.

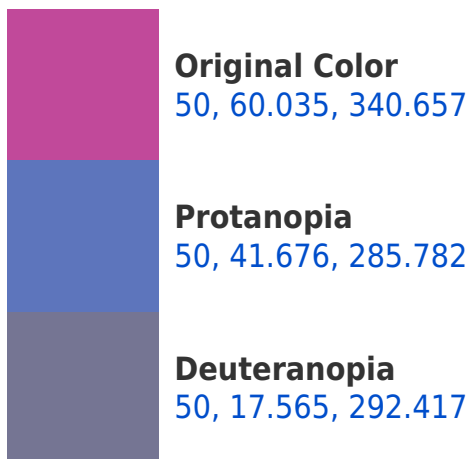


This preview shows how white text looks on a background with the CIELCh color 50, 60.035, 340.657.

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
50, 43.418, 21.312

Trichromacy



Original Color
50, 60.035, 340.657



Protanomaly
48, 45.153, 307.173



Deuteranomaly
49, 32.980, 323.182



Tritanomaly
50, 45.993, 3.090

Monochromacy



Original Color
50, 60.035, 340.657



Achromatopsia
50, 0.007, 296.813



Achromatomaly
48, 23.946, 337.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 60.035, 340.657 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(193, 73, 154)` looks like.

```
.text, #text, p{  
    color:rgb(193, 73, 154)  
}
```

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(193, 73, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 73, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 60.035, 340.657 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(193, 73, 154) }
```

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

```
.border{ border-color:rgb(193, 73, 154) }
```

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

Here you see how a box with a 4 pixel rgb(193, 73, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 73, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 73, 154);  
box-shadow:4px 4px 4px 4px rgb(193, 73,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 60.035, 340.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 73, 154) }
```

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

```
.background{ background-color: rgb(193, 73,  
154) }
```

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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