

Converting Colors

CIELCh(59, 64.150, 334.337)

Have a look what the booklet for
CIELCh(59, 64.150, 334.337)
contains.

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Color

CIELCh(59, 64.033, 334.346)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D862C0 |
| RGB | 216, 98, 192 |
| RGB Percent | 85%, 38%, 75% |
| CMY | 0.1541, 0.6168, 0.2482 |
| CMYK | 0.00, 0.55, 0.11, 0.15 |
| HSL | 312°, 60%, 61% |
| HSV | 312°, 55%, 85% |
| XYZ | 42.0526, 27.0277, 52.7034 |
| YIQ | 143.9980, 40.1540, 54.2500 |

Conversions

Conversions Part 2

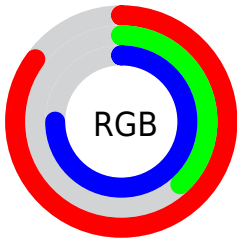
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 216, 98, 192 |
| Decimal | 14181056 |
| CIE _{Lab} | 59.00, 57.72, -27.72 |
| CIE _{LCh} | 59, 64.033, 334.346 |
| Yxy | 27.0277, 0.3453, 0.2219 |
| Android (android.graphics.Color) | 4292371136 (0xFFD862C0) |
| YUV | 143.9980, 23.6650, 63.1458 |
| Hunter-Lab | 51.9882, 53.4068, -23.7139 |

Details

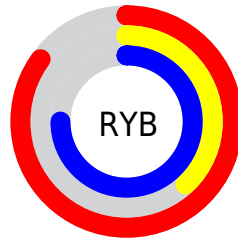
The CIELCh color **59, 64.033, 334.346** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **78, 64.425, 145.539**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 60.849, 328.320**, and **39, 63.817, 334.294** is the 20% darker color. If you saturate the color by 10%, you get **55, 73.075, 335.118**, and if you desaturate by 10%, it is **63, 53.496, 333.611**.

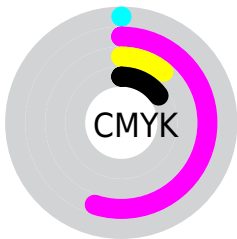
Distribution



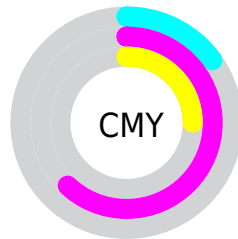
- Red (85%)
- Green (38%)
- Blue (75%)



- Red (85%)
- Yellow (38%)
- Blue (75%)



- Cyan (0%)
- Magenta (55%)
- Yellow (11%)
- Black (15%)




- Cyan (15%)
- Magenta (62%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 64.033, 334.346 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, 64.033, 334.346 by changing the saturation by 10% instead.


 59, 64.033,
334.346

 59, 64.033,
334.346


 100, 64.033,
334.346

 49, 64.033,
334.346


 79, 64.033,
334.346

 39, 64.033,
334.346

 89, 64.033,
334.346

 29, 64.033,
334.346

 99, 64.033,
334.346

 19, 64.033,
334.346

 9, 64.033, 334.346

 0, 64.033, 334.346

59, 64.033,
334.346

59, 64.033,
334.346

55, 73.075,
335.118

63, 53.496,
333.611

53, 80.082,
335.944

68, 42.002,
332.903

51, 84.623,
336.855

73, 29.993,
332.216

49, 86.562,
337.890

78, 17.799,
331.550


49, 86.870,
338.484

84, 5.651, 330.876

89, 6.302, 150.378

95, 17.972,
149.764

97, 20.109,
152.474

 97, 18.495,
157.137

Harmonies

Complementary

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



59, 64.033, 334.346



78, 64.425, 145.539

Rectangle

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



59, 64.033, 334.346



59, 64.033, 24.346



59, 64.033, 154.346



59, 64.033, 204.346

Sweetspot

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



59, 64.030, 334.346



90, 22.214, 331.646



49, 69.054, 303.340



47, 15.010, 331.784



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 64.030, 334.346



64, 84.651, 335.273



57, 49.873, 3.726



42, 6.814, 331.201



39, 73.191, 338.285



6, 28.376, 336.030

Inverse Universe

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



59, 64.030, 334.346



64, 84.651, 335.273



79, 42.387, 169.890



42, 6.814, 331.201



39, 73.191, 338.285



6, 28.376, 336.030

Previews

White Background



This preview shows how the CIELCh color 59, 64.033, 334.346 looks on a white background.

Color Contrast Check

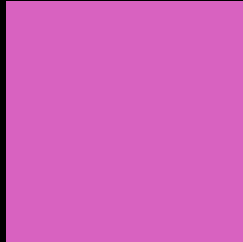
Large Text (above 18pt) WCAG AA ✓ Pass

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, 64.033, 334.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

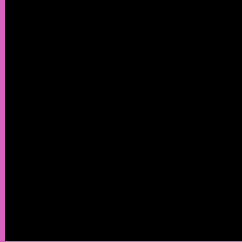
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 64.033, 334.346

Background



This preview shows how black text looks on a background with the CIELCh color 59, 64.033, 334.346.

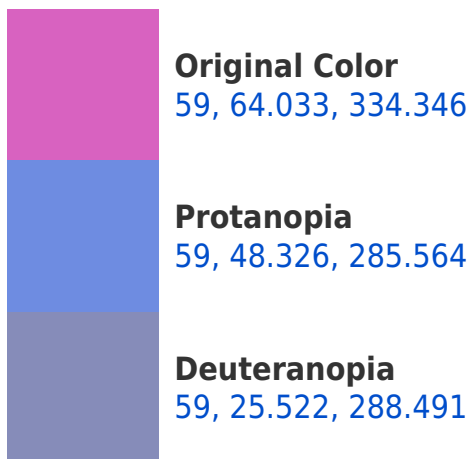


This preview shows how white text looks on a background with the CIELCh color 59, 64.033, 334.346.

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
59, 39.518, 17.098

Trichromacy



Original Color
59, 64.033, 334.346



Protanomaly
58, 50.686, 303.603



Deuteranomaly
58, 37.840, 314.878



Tritanomaly
59, 45.044, 356.131

Monochromacy



Original Color
59, 64.033, 334.346



Achromatopsia
60, 0.008, 296.813



Achromatomaly
58, 25.205, 332.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 64.033, 334.346 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(216, 98, 192)` looks like.

```
.text, #text, p{  
    color:rgb(216, 98, 192)  
}
```

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(216, 98, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 98, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 64.033, 334.346 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(216, 98, 192) }
```

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

```
.border{ border-color:rgb(216, 98, 192) }
```

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

Here you see how a box with a 4 pixel rgb(216, 98, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 98, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 98, 192);  
box-shadow:4px 4px 4px 4px rgb(216, 98,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 64.033, 334.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 98, 192) }
```

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

```
.background{ background-color: rgb(216, 98,  
192) }
```

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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