

Converting Colors

CIELCh(58, 63.495, 334.089)

Have a look what the booklet for
CIELCh(58, 63.495, 334.089)
contains.

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Color

CIELCh(58, 63.381, 334.139)

Conversions

Conversions Part 1

Format	Color
Hex	D460BD
RGB	212, 96, 189
RGB Percent	83%, 38%, 74%
CMY	0.1694, 0.6243, 0.2596
CMYK	0.00, 0.55, 0.11, 0.17
HSL	312°, 57%, 60%
HSV	312°, 55%, 83%
XYZ	40.4193, 25.9610, 50.9116
YIQ	141.2860, 39.2830, 53.5150

Conversions

Conversions Part 2

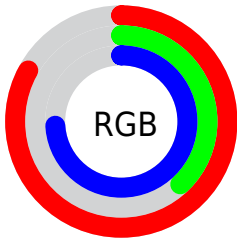
Format	Color
R _Y B	212, 96, 189
Decimal	13918397
CIE Lab	58.00, 57.03, -27.65
CIE LCh	58, 63.381, 334.139
Yxy	25.9610, 0.3446, 0.2213
Android (android.graphics.Color)	4292108477 (0xFFD460BD)
YUV	141.2860, 23.5230, 62.0162
Hunter-Lab	50.9519, 52.4353, -23.5767

Details

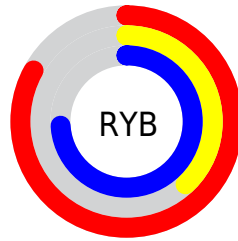
The CIELCh color **58, 63.381, 334.139** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **77, 63.791, 145.374**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 60.831, 329.235**, and **38, 63.194, 334.406** is the 20% darker color. If you saturate the color by 10%, you get **54, 72.319, 334.897**, and if you desaturate by 10%, it is **62, 52.967, 333.414**.

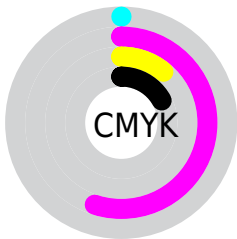
Distribution



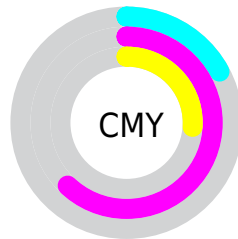
- Red (83%)
- Green (38%)
- Blue (74%)



- Red (83%)
- Yellow (38%)
- Blue (74%)



- Cyan (0%)
- Magenta (55%)
- Yellow (11%)
- Black (17%)





- Cyan (17%)
- Magenta (62%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 63.381, 334.139 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 58, 63.381, 334.139 by changing the saturation by 10% instead.


 58, 63.381,
334.139


 58, 63.381,
334.139


 100, 63.381,
334.139


 48, 63.381,
334.139


 78, 63.381,
334.139

 38, 63.381,
334.139

 88, 63.381,
334.139

 28, 63.381,
334.139

 98, 63.381,
334.139

 18, 63.381,
334.139

 8, 63.381, 334.139

 0, 63.381, 334.139

58, 63.381,
334.139

58, 63.381,
334.139

54, 72.319,
334.897

62, 52.967,
333.414

52, 79.251,
335.705

67, 41.608,
332.714

50, 83.754,
336.590

72, 29.737,
332.034

48, 85.695,
337.591

77, 17.681,
331.372

48, 86.027,
338.157

82, 5.669, 330.702

88, 6.152, 150.206

93, 17.696,
149.594

96, 22.734,
150.958

■ 96, 21.142,
154.757

Harmonies

Complementary

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



58, 63.381, 334.139



77, 63.791, 145.374

Rectangle

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



58, 63.381, 334.139



58, 63.381, 24.139



58, 63.381, 154.139



58, 63.381, 204.139

Sweetspot

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



58, 63.378, 334.139



90, 22.293, 331.464



48, 68.124, 302.906



47, 15.063, 331.601



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 63.378, 334.139



64, 84.937, 335.049



56, 49.360, 2.484



42, 6.839, 331.022



39, 73.465, 337.979



6, 28.482, 335.790

Inverse Universe

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



58, 63.378, 334.139



64, 84.937, 335.049



78, 42.429, 168.707



42, 6.839, 331.022



39, 73.465, 337.979



6, 28.482, 335.790

Previews

White Background



This preview shows how the CIELCh color 58, 63.381, 334.139 looks on a white background.

Color Contrast Check

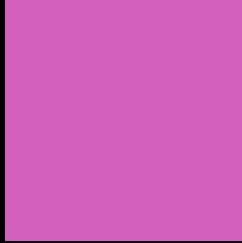
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 58, 63.381, 334.139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

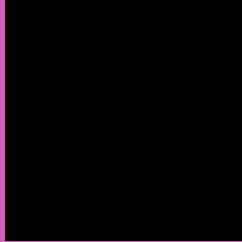
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 63.381, 334.139

Background



This preview shows how black text looks on a background with the CIELCh color 58, 63.381, 334.139.

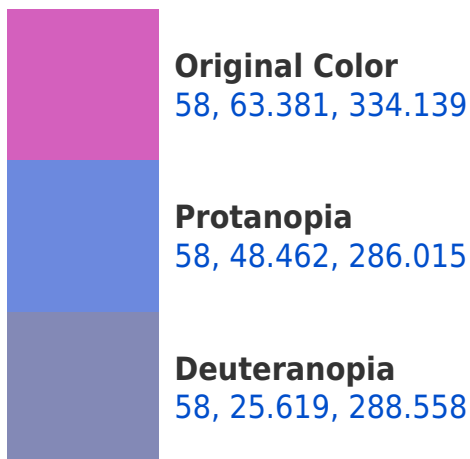


This preview shows how white text looks on a background with the CIELCh color 58, 63.381, 334.139.

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](#).

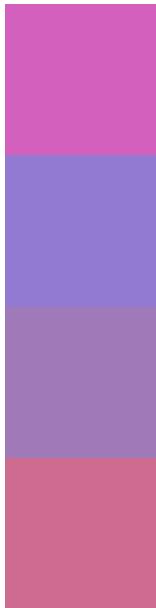
Dichromacy





Tritanopia
58, 38.851, 17.731

Trichromacy



Original Color
58, 63.381, 334.139

Protanomaly
57, 50.898, 304.009

Deuteranomaly
57, 37.858, 314.382

Tritanomaly
58, 44.293, 356.269

Monochromacy



Original Color
58, 63.381, 334.139

Achromatopsia
59, 0.008, 296.813

Achromatomaly
57, 24.614, 332.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 63.381, 334.139 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(212, 96, 189)` looks like.

```
.text, #text, p{  
    color:rgb(212, 96, 189)  
}
```

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(212, 96, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 96, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 63.381, 334.139 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(212, 96, 189) }
```

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

```
.border{ border-color:rgb(212, 96, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 96, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 96, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 96, 189);  
box-shadow:4px 4px 4px 4px rgb(212, 96,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 63.381, 334.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 96, 189) }
```

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

```
.background{ background-color: rgb(212, 96,  
189) }
```

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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