

Converting Colors

CIELCh(58, 68.721, 328.566)

Have a look what the booklet for
CIELCh(58, 68.721, 328.566)
contains.

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Color

CIELCh(58, 68.789, 328.567)

Conversions

Conversions Part 1

Format	Color
Hex	D05FCB
RGB	208, 95, 203
RGB Percent	82%, 37%, 80%
CMY	0.1837, 0.6269, 0.2033
CMYK	0.00, 0.54, 0.02, 0.18
HSL	303°, 55%, 59%
HSV	303°, 54%, 82%
XYZ	40.9572, 25.9610, 59.4433
YIQ	141.0990, 32.6800, 57.5440

Conversions

Conversions Part 2

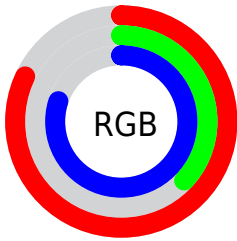
Format	Color
RYB	208, 95, 203
Decimal	13656011
CIELab	58.00, 58.69, -35.87
CIELCh	58, 68.789, 328.567
Yxy	25.9610, 0.3241, 0.2055
Android (android.graphics.Color)	4291846091 (0xFFD05FCB)
YUV	141.0990, 30.5172, 58.6722
Hunter-Lab	50.9519, 54.3197, -33.5046

Details

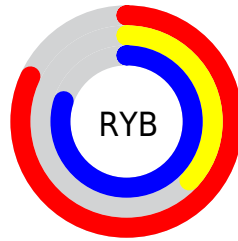
The CIELCh color **58, 68.789, 328.567** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **75, 69.400, 140.993**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 65.041, 326.652**, and **38, 68.751, 328.745** is the 20% darker color. If you saturate the color by 10%, you get **55, 78.675, 329.007**, and if you desaturate by 10%, it is **62, 57.375, 328.077**.

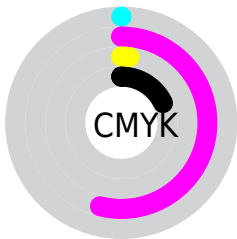
Distribution



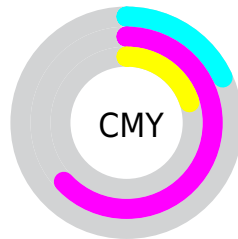
- Red (82%)
- Green (37%)
- Blue (80%)



- Red (82%)
- Yellow (37%)
- Blue (80%)



- Cyan (0%)
- Magenta (54%)
- Yellow (2%)
- Black (18%)





- Cyan (18%)
- Magenta (63%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 68.789, 328.567 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, 68.789, 328.567 by changing the saturation by 10% instead.


 58, 68.789,
328.567

 58, 68.789,
328.567


 100, 68.789,
328.567

 48, 68.789,
328.567


 78, 68.789,
328.567

 38, 68.789,
328.567

 88, 68.789,
328.567

 28, 68.789,
328.567

 98, 68.789,
328.567

 18, 68.789,
328.567

 8, 68.789, 328.567

 0, 68.789, 328.567

58, 68.789,
328.567

58, 68.789,
328.567

55, 78.675,
329.007

62, 57.375,
328.077

52, 86.528,
329.387

66, 44.957,
327.549

50, 91.963,
329.703

71, 31.976,
326.997

49, 94.875,
329.961

76, 18.776,
326.431

49, 95.754,
330.091

81, 5.606, 325.837

87, 7.372, 145.374

92, 20.054,
144.817

96, 28.349,
144.638

■ 96, 27.965,
145.194

Harmonies

Complementary

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



58, 68.789, 328.567



75, 69.400, 140.993

Rectangle

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



58, 68.789, 328.567



58, 68.789, 18.567



58, 68.789, 148.567



58, 68.789, 198.567

Sweetspot

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



58, 68.787, 328.567



90, 24.807, 326.540



46, 66.645, 299.125



47, 16.759, 326.658



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, 68.787, 328.567



66, 93.198, 329.067



56, 50.826, 351.829



41, 7.465, 326.150



39, 81.790, 330.062



6, 30.084, 329.294

Inverse Universe

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



58, 68.787, 328.567



66, 93.198, 329.067



76, 47.458, 159.526



41, 7.465, 326.150



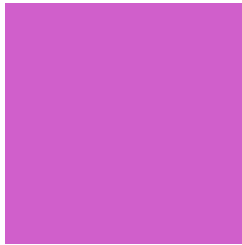
39, 81.790, 330.062



6, 30.084, 329.294

Previews

White Background



This preview shows how the CIELCh color 58, 68.789, 328.567 looks on a white background.

Color Contrast Check

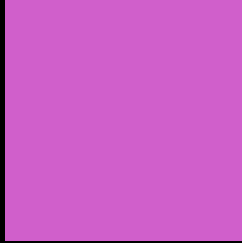
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 68.789, 328.567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

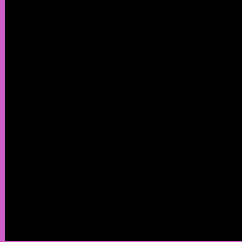
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 68.789, 328.567

Background



This preview shows how black text looks on a background with the CIELCh color 58, 68.789, 328.567.

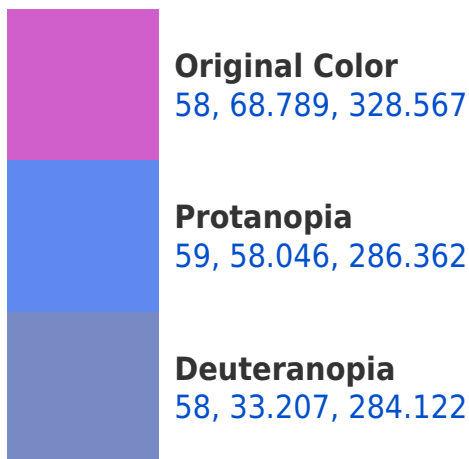


This preview shows how white text looks on a background with the CIELCh color 58, 68.789, 328.567.

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, 35.322, 15.638

Trichromacy



Original Color
58, 68.789, 328.567



Protanomaly
57, 59.491, 300.676



Deuteranomaly
57, 45.176, 307.435



Tritanomaly
58, 43.257, 349.801

Monochromacy



Original Color
58, 68.789, 328.567



Achromatopsia
59, 0.008, 296.813



Achromatomaly
57, 27.442, 326.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 68.789, 328.567 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(208, 95, 203)` looks like.

```
.text, #text, p{  
    color:rgb(208, 95, 203)  
}
```

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(208, 95, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 95, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 68.789, 328.567 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(208, 95, 203) }
```

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

```
.border{ border-color:rgb(208, 95, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 95, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 95, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 95, 203);  
box-shadow:4px 4px 4px 4px rgb(208, 95,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 68.789, 328.567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 95, 203) }
```

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

```
.background{ background-color: rgb(208, 95,  
203) }
```

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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