

Converting Colors

CIELCh(58, 65.367, 327.055)

Have a look what the booklet for
CIELCh(58, 65.367, 327.055)
contains.

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Color

CIELCh(58, 64.947, 327.054)

Conversions

Conversions Part 1

Format	Color
Hex	CA64CA
RGB	202, 100, 202
RGB Percent	79%, 39%, 79%
CMY	0.2076, 0.6076, 0.2076
CMYK	0.00, 0.50, 0.00, 0.21
HSL	300°, 49%, 59%
HSV	300°, 50%, 79%
XYZ	39.6085, 25.9610, 58.8428
YIQ	142.1260, 28.0500, 53.3460

Conversions

Conversions Part 2

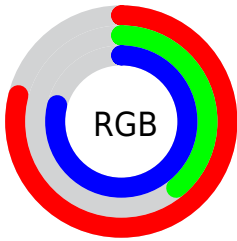
Format	Color
R _{YB}	202, 100, 202
Decimal	13264074
CIE Lab	58.00, 54.50, -35.32
CIE LCh	58, 64.947, 327.054
Yxy	25.9610, 0.3184, 0.2087
Android (android.graphics.Color)	4291454154 (0xFFCA64CA)
YUV	142.1260, 29.5179, 52.5095
Hunter-Lab	50.9519, 49.5947, -32.8059

Details

The CIELCh color **58, 64.947, 327.054** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **73, 65.306, 140.317**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 62.108, 326.555**, and **38, 64.812, 327.071** is the 20% darker color. If you saturate the color by 10%, you get **55, 75.554, 327.456**, and if you desaturate by 10%, it is **62, 53.026, 326.592**.

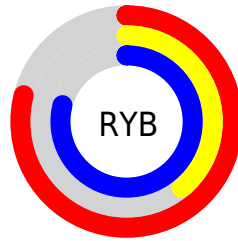
Distribution



Red (79%)

Green (39%)

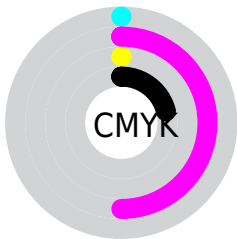
Blue (79%)



Red (79%)

Yellow (39%)

Blue (79%)

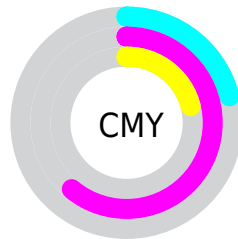


Cyan (0%)

Magenta (50%)

Yellow (0%)

Black (21%)



Cyan (21%)


Magenta (61%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 64.947, 327.054 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, 64.947, 327.054 by changing the saturation by 10% instead.

 58, 64.947,
327.054

 58, 64.947,
327.054


 100, 64.947,
327.054


 48, 64.947,
327.054


 78, 64.947,
327.054

 38, 64.947,
327.054

 88, 64.947,
327.054

 28, 64.947,
327.054

 98, 64.947,
327.054

 18, 64.947,
327.054

 8, 64.947, 327.054

 0, 64.947, 327.054

58, 64.947,
327.054

58, 64.947,
327.054

55, 75.554,
327.456

62, 53.026,
326.592

52, 84.346,
327.780

66, 40.281,
326.085

50, 90.894,
328.017

71, 27.112,
325.549

49, 94.988,
328.163

76, 13.824,
324.995


48, 96.986,
328.234

81, 0.633, 324.059

86, 12.321,
143.955

92, 24.952,
143.426

95, 33.173,
143.090

 95, 33.173,
143.090

Harmonies

Complementary

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



58, 64.947, 327.054



73, 65.306, 140.317

Rectangle

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



58, 64.947, 327.054



58, 64.947, 17.054



58, 64.947, 147.054



58, 64.947, 197.054

Sweetspot

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



58, 64.945, 327.054



91, 23.956, 325.260



47, 60.067, 297.547



47, 16.355, 325.377



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, 64.945, 327.054



68, 91.587, 327.504



56, 47.209, 349.071



40, 7.538, 324.934



39, 83.709, 328.234



5, 29.042, 327.498

Inverse Universe

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



58, 64.945, 327.054



68, 91.587, 327.504



74, 44.720, 158.331



40, 7.538, 324.934



39, 83.709, 328.234



5, 29.042, 327.498

Previews

White Background



This preview shows how the CIELCh color 58, 64.947, 327.054 looks on a white background.

Color Contrast Check

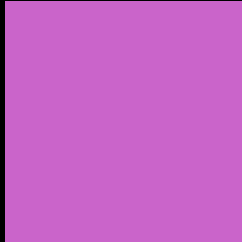
Large Text (above 18pt) WCAG AA ✓ Pass

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, 64.947, 327.054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

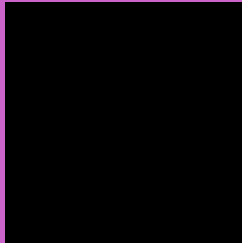
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 64.947, 327.054

Background



This preview shows how black text looks on a background with the CIELCh color 58, 64.947, 327.054.

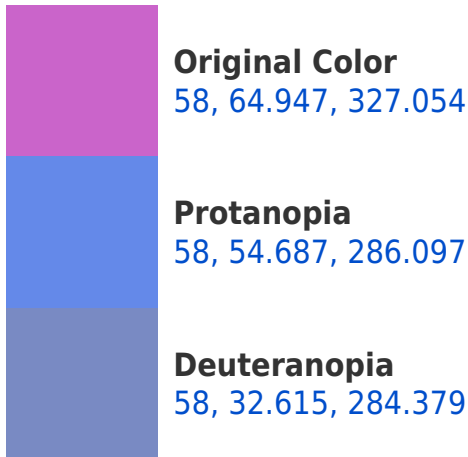


This preview shows how white text looks on a background with the CIELCh color 58, 64.947, 327.054.

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, 31.451, 14.048

Trichromacy



Original Color
58, 64.947, 327.054



Protanomaly
57, 56.036, 300.075



Deuteranomaly
57, 43.222, 306.104



Tritanomaly
57, 40.026, 347.696

Monochromacy



Original Color
58, 64.947, 327.054



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 25.204, 325.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 64.947, 327.054 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(202, 100, 202)` looks like.

```
.text, #text, p{  
    color:rgb(202, 100, 202)  
}
```

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(202, 100, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 100, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 64.947, 327.054 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(202, 100, 202) }
```

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

```
.border{ border-color:rgb(202, 100, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 100, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 100, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 100, 202);  
box-shadow:4px 4px 4px 4px rgb(202, 100,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 64.947, 327.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 100, 202) }
```

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

```
.background{ background-color: rgb(202,  
100, 202) }
```

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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