

Converting Colors

CIELCh(58, 63.140, 328.493)

Have a look what the booklet for
CIELCh(58, 63.140, 328.493)
contains.

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Color

CIELCh(58, 63.406, 328.526)

Conversions

Conversions Part 1

Format	Color
Hex	CB64C6
RGB	203, 100, 198
RGB Percent	80%, 39%, 78%
CMY	0.2031, 0.6071, 0.2228
CMYK	0.00, 0.51, 0.02, 0.20
HSL	303°, 50%, 59%
HSV	303°, 51%, 80%
XYZ	39.4735, 25.9610, 56.4737
YIQ	141.9690, 29.9300, 52.3140

Conversions

Conversions Part 2

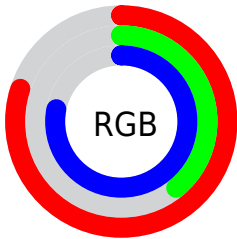
Format	Color
R _Y B	203, 100, 198
Decimal	13329606
CIE _{Lab}	58.00, 54.08, -33.11
CIE _{LCh}	58, 63.406, 328.526
Yxy	25.9610, 0.3238, 0.2130
Android (android.graphics.Color)	4291519686 (0xFFCB64C6)
YUV	141.9690, 27.6233, 53.5242
Hunter-Lab	50.9519, 49.1216, -30.0491

Details

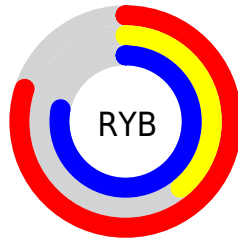
The CIELCh color **58, 63.406, 328.526** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **74, 63.825, 141.534**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 62.108, 326.555**, and **38, 63.591, 328.321** is the 20% darker color. If you saturate the color by 10%, you get **55, 73.681, 328.991**, and if you desaturate by 10%, it is **62, 51.828, 328.017**.

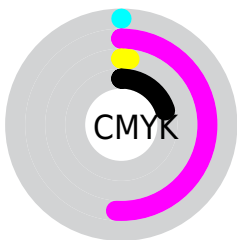
Distribution



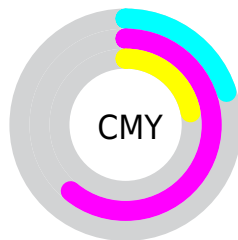
- Red (80%)
- Green (39%)
- Blue (78%)



- Red (80%)
- Yellow (39%)
- Blue (78%)



- Cyan (0%)
- Magenta (51%)
- Yellow (2%)
- Black (20%)





- Cyan (20%)
- Magenta (61%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 63.406, 328.526 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, 63.406, 328.526 by changing the saturation by 10% instead.


 58, 63.406,
328.526


 58, 63.406,
328.526


 100, 63.406,
328.526

 48, 63.406,
328.526


 78, 63.406,
328.526

 38, 63.406,
328.526

 88, 63.406,
328.526

 28, 63.406,
328.526

 98, 63.406,
328.526

 18, 63.406,
328.526

 8, 63.406, 328.526

 0, 63.406, 328.526

■ 58, 63.406,
328.526

■ 58, 63.406,
328.526

■ 55, 73.681,
328.991

■ 62, 51.828,
328.017

■ 52, 82.146,
329.402

■ 66, 39.438,
327.477

■ 50, 88.360,
329.752

■ 71, 26.633,
326.917

■ 48, 92.099,
330.044

■ 76, 13.714,
326.346


■ 48, 93.729,
330.278

■ 81, 0.890, 325.502

■ 87, 11.704,
145.287

■ 92, 23.985,
144.749

■ 95, 31.247,
144.634

 95, 30.836,
145.175

Harmonies

Complementary

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



58, 63.406, 328.526



74, 63.825, 141.534

Rectangle

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



58, 63.406, 328.526



58, 63.406, 18.526



58, 63.406, 148.526



58, 63.406, 198.526

Sweetspot

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



58, 63.404, 328.526



91, 23.180, 326.605



47, 60.599, 298.416



47, 15.826, 326.727



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, 63.404, 328.526



67, 88.671, 329.040



56, 46.828, 351.209



40, 7.293, 326.270



39, 80.607, 330.247



5, 27.932, 329.114

Inverse Universe

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



58, 63.404, 328.526



67, 88.671, 329.040



75, 43.813, 160.060



40, 7.293, 326.270



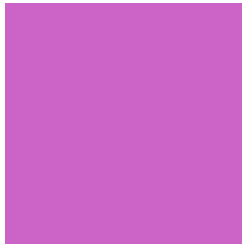
39, 80.607, 330.247



5, 27.932, 329.114

Previews

White Background



This preview shows how the CIELCh color 58, 63.406, 328.526 looks on a white background.

Color Contrast Check

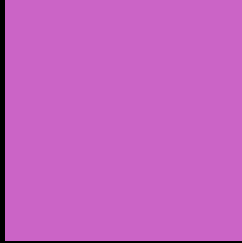
Large Text (above 18pt) WCAG AA ✓ Pass

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, 63.406, 328.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

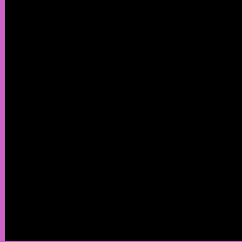
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 63.406, 328.526

Background



This preview shows how black text looks on a background with the CIELCh color 58, 63.406, 328.526.

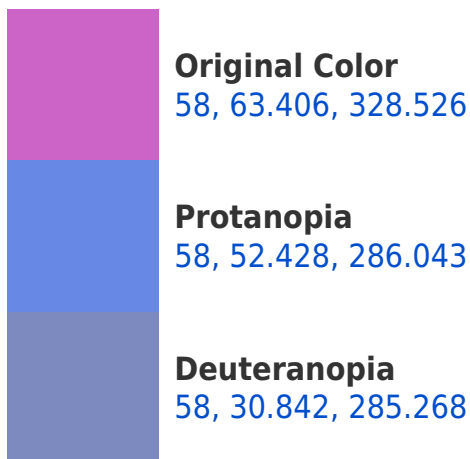


This preview shows how white text looks on a background with the CIELCh color 58, 63.406, 328.526.

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, 32.298, 15.388

Trichromacy



Original Color
58, 63.406, 328.526



Protanomaly
57, 53.858, 300.720



Deuteranomaly
57, 41.232, 308.055



Tritanomaly
58, 39.551, 350.191

Monochromacy



Original Color
58, 63.406, 328.526



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 24.300, 327.162

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 63.406, 328.526 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(203, 100, 198)` looks like.

```
.text, #text, p{  
    color:rgb(203, 100, 198)  
}
```

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(203, 100, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 100, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 63.406, 328.526 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(203, 100, 198) }
```

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

```
.border{ border-color:rgb(203, 100, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 100, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 100, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 100, 198); box-shadow:4px 4px 4px 4px rgb(203, 100, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 63.406, 328.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 100, 198) }
```

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

```
.background{ background-color: rgb(203,  
100, 198) }
```

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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