

Converting Colors

CIELCh(58, 64.632, 329.887)

Have a look what the booklet for
CIELCh(58, 64.632, 329.887)
contains.

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Color

CIELCh(58, 64.632, 330.036)

Conversions

Conversions Part 1

Format	Color
Hex	CF62C5
RGB	207, 98, 197
RGB Percent	81%, 38%, 77%
CMY	0.1890, 0.6164, 0.2282
CMYK	0.00, 0.53, 0.05, 0.19
HSL	306°, 53%, 60%
HSV	306°, 53%, 81%
XYZ	40.0847, 25.9610, 55.6092
YIQ	141.8770, 33.1850, 53.8970

Conversions

Conversions Part 2

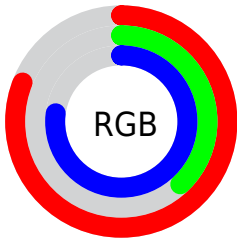
Format	Color
R _Y B	207, 98, 197
Decimal	13591237
CIE _{Lab}	58.00, 55.99, -32.28
CIE _{LCh}	58, 64.632, 330.036
Y _{xy}	25.9610, 0.3295, 0.2134
Android (android.graphics.Color)	4291781317 (0xFFCF62C5)
YUV	141.8770, 27.1756, 57.1129
Hunter-Lab	50.9519, 51.2631, -29.0431

Details

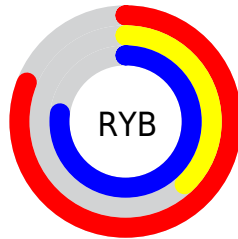
The CIELCh color **58, 64.632, 330.036** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **75, 65.156, 142.459**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 62.876, 326.871**, and **38, 64.717, 329.961** is the 20% darker color. If you saturate the color by 10%, you get **55, 74.424, 330.563**, and if you desaturate by 10%, it is **62, 53.436, 329.482**.

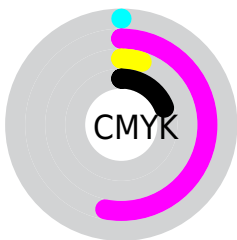
Distribution



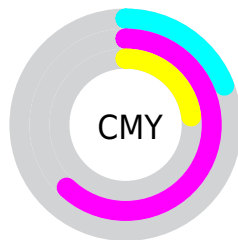
- Red (81%)
- Green (38%)
- Blue (77%)



- Red (81%)
- Yellow (38%)
- Blue (77%)



- Cyan (0%)
- Magenta (53%)
- Yellow (5%)
- Black (19%)




- Cyan (19%)
- Magenta (62%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 64.632, 330.036 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, 64.632, 330.036 by changing the saturation by 10% instead.

 58, 64.632,
330.036

 58, 64.632,
330.036

 100, 64.632,
330.036

 48, 64.632,
330.036

 78, 64.632,
330.036

 38, 64.632,
330.036

 88, 64.632,
330.036

 28, 64.632,
330.036

 98, 64.632,
330.036

 18, 64.632,
330.036

 8, 64.632, 330.036

 0, 64.632, 330.036

58, 64.632,
330.036

58, 64.632,
330.036

55, 74.424,
330.563

62, 53.436,
329.482

52, 82.296,
331.058

66, 41.346,
328.908

50, 87.821,
331.523

71, 28.780,
328.323

49, 90.823,
331.968

76, 16.055,
327.732

48, 91.785,
332.288

82, 3.394, 327.091

87, 9.058, 146.648

92, 21.213,
146.090

96, 28.033,
146.241

■ 96, 27.258,
147.455

Harmonies

Complementary

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



58, 64.632, 330.036



75, 65.156, 142.459

Rectangle

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



58, 64.632, 330.036



58, 64.632, 20.036



58, 64.632, 150.036



58, 64.632, 200.036

Sweetspot

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



58, 64.629, 330.036



90, 24.014, 327.939



47, 64.119, 300.036



47, 16.223, 328.062



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, 64.629, 330.036



66, 88.257, 330.617



56, 48.170, 354.886



41, 7.225, 327.536



39, 78.823, 332.224



5, 29.005, 331.020

Inverse Universe

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



58, 64.629, 330.036



66, 88.257, 330.617



76, 44.016, 162.593



41, 7.225, 327.536



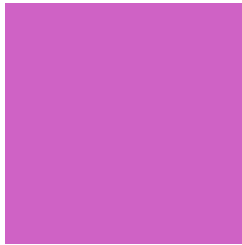
39, 78.823, 332.224



5, 29.005, 331.020

Previews

White Background



This preview shows how the CIELCh color 58, 64.632, 330.036 looks on a white background.

Color Contrast Check

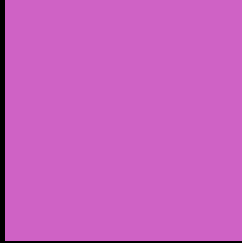
Large Text (above 18pt) WCAG AA ✓ Pass

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, 64.632, 330.036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

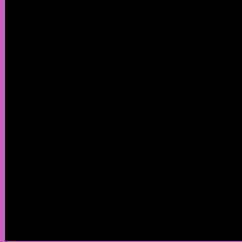
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 64.632, 330.036

Background



This preview shows how black text looks on a background with the CIELCh color 58, 64.632, 330.036.

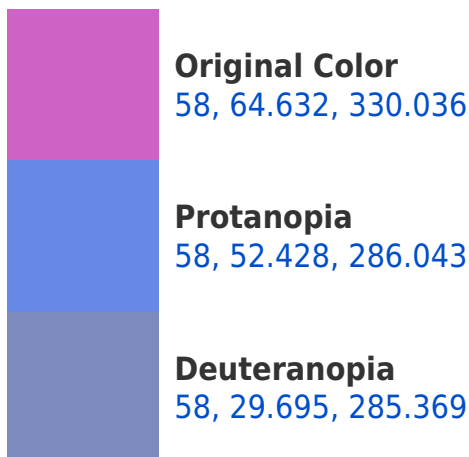


This preview shows how white text looks on a background with the CIELCh color 58, 64.632, 330.036.

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, 34.476, 16.218

Trichromacy



Original Color
58, 64.632, 330.036



Protanomaly
57, 53.974, 301.693



Deuteranomaly
57, 40.955, 309.658



Tritanomaly
58, 41.718, 351.777

Monochromacy



Original Color
58, 64.632, 330.036



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 25.401, 328.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 64.632, 330.036 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(207, 98, 197)` looks like.

```
.text, #text, p{  
    color:rgb(207, 98, 197)  
}
```

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(207, 98, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 98, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 64.632, 330.036 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(207, 98, 197) }
```

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

```
.border{ border-color:rgb(207, 98, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 98, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 98, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 98, 197);  
box-shadow:4px 4px 4px 4px rgb(207, 98,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 64.632, 330.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 98, 197) }
```

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

```
.background{ background-color: rgb(207, 98,  
197) }
```

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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