

Converting Colors

CIELCh(57, 63.775, 328.205)

Have a look what the booklet for
CIELCh(57, 63.775, 328.205)
contains.

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Color

CIELCh(57, 63.887, 328.259)

Conversions

Conversions Part 1

Format	Color
Hex	C861C4
RGB	200, 97, 196
RGB Percent	78%, 38%, 77%
CMY	0.2145, 0.6185, 0.2302
CMYK	0.00, 0.51, 0.02, 0.21
HSL	302°, 49%, 58%
HSV	302°, 51%, 79%
XYZ	38.1998, 24.9227, 55.1978
YIQ	139.0830, 29.6090, 52.6250

Conversions

Conversions Part 2

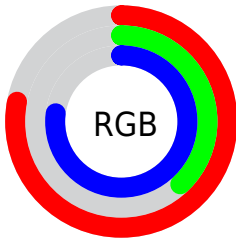
Format	Color
R _Y B	200, 97, 196
Decimal	13132228
CIE Lab	57.00, 54.33, -33.61
CIE LCh	57, 63.887, 328.259
Yxy	24.9227, 0.3229, 0.2106
Android (android.graphics.Color)	4291322308 (0xFFC861C4)
YUV	139.0830, 28.0601, 53.4242
Hunter-Lab	49.9226, 49.2202, -30.6091

Details

The CIELCh color **57, 63.887, 328.259** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **73, 64.327, 141.202**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 63.640, 327.181**, and **37, 63.927, 328.366** is the 20% darker color. If you saturate the color by 10%, you get **54, 74.003, 328.706**, and if you desaturate by 10%, it is **61, 52.444, 327.763**.

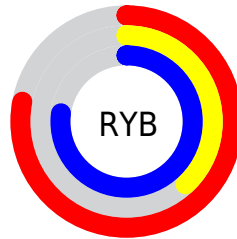
Distribution



Red (78%)

Green (38%)

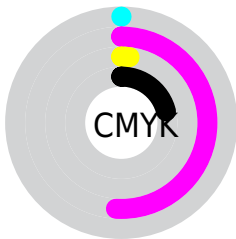
Blue (77%)



Red (78%)

Yellow (38%)

Blue (77%)

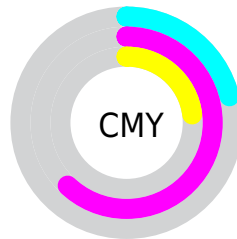


Cyan (0%)

Magenta (51%)

Yellow (2%)

Black (21%)



Cyan (21%)


Magenta (62%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 63.887, 328.259 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 57, 63.887, 328.259 by changing the saturation by 10% instead.


 57, 63.887,
328.259


 57, 63.887,
328.259


 100, 63.887,
328.259


 47, 63.887,
328.259


 77, 63.887,
328.259

 37, 63.887,
328.259

 87, 63.887,
328.259

 27, 63.887,
328.259

 97, 63.887,
328.259

 17, 63.887,
328.259

 7, 63.887, 328.259

 0, 63.887, 328.259

57, 63.887,
328.259

57, 63.887,
328.259

54, 74.003,
328.706

61, 52.444,
327.763

51, 82.293,
329.094

65, 40.163,
327.233

49, 88.334,
329.415

70, 27.444,
326.680

48, 91.930,
329.671

75, 14.591,
326.114


47, 93.442,
329.852

80, 1.819, 325.431

85, 10.732,
145.060

91, 22.977,
144.521

95, 33.344,
144.125

 95, 33.018,
144.521

Harmonies

Complementary

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



57, 63.887, 328.259



73, 64.327, 141.202

Rectangle

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



57, 63.887, 328.259



57, 63.887, 18.259



57, 63.887, 148.259



57, 63.887, 198.259

Sweetspot

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



57, 63.885, 328.259



91, 23.333, 326.330



46, 60.849, 298.547



47, 15.930, 326.451



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 63.885, 328.259



67, 90.353, 328.767



55, 46.910, 351.322



39, 7.190, 325.996



38, 80.295, 329.827



4, 25.868, 328.314

Inverse Universe

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



57, 63.885, 328.259



67, 90.353, 328.767



74, 43.870, 159.962



39, 7.190, 325.996



38, 80.295, 329.827



4, 25.868, 328.314

Previews

White Background



This preview shows how the CIELCh color 57, 63.887, 328.259 looks on a white background.

Color Contrast Check

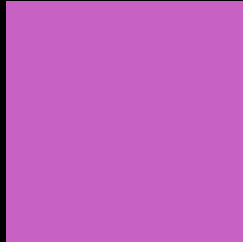
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 63.887, 328.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

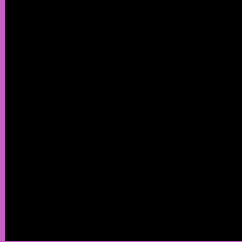
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 63.887, 328.259

Background



This preview shows how black text looks on a background with the CIELCh color 57, 63.887, 328.259.

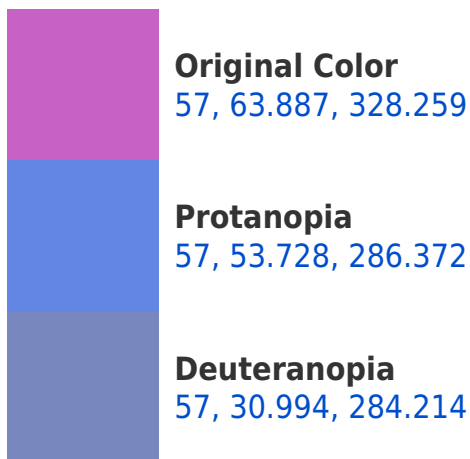


This preview shows how white text looks on a background with the CIELCh color 57, 63.887, 328.259.

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
57, 32.415, 14.499

Trichromacy



Original Color
57, 63.887, 328.259



Protanomaly
56, 54.607, 300.779



Deuteranomaly
56, 41.203, 307.147

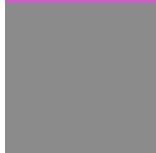


Tritanomaly
57, 39.885, 349.558

Monochromacy



Original Color
57, 63.887, 328.259



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 24.834, 326.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 63.887, 328.259 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(200, 97, 196)` looks like.

```
.text, #text, p{  
    color:rgb(200, 97, 196)  
}
```

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(200, 97, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 97, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 63.887, 328.259 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(200, 97, 196) }
```

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

```
.border{ border-color:rgb(200, 97, 196) }
```

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

Here you see how a box with a 4 pixel rgb(200, 97, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 97, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 97, 196);  
box-shadow:4px 4px 4px 4px rgb(200, 97,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 63.887, 328.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 97, 196) }
```

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

```
.background{ background-color: rgb(200, 97,  
196) }
```

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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