

Converting Colors

CIELCh(58, 66.093, 293.468)

Have a look what the booklet for
CIELCh(58, 66.093, 293.468)
contains.

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Color

CIELCh(58, 66.266, 293.562)

Conversions

Conversions Part 1

Format	Color
Hex	7081F6
RGB	112, 129, 246
RGB Percent	44%, 51%, 96%
CMY	0.5589, 0.4926, 0.0335
CMYK	0.54, 0.47, 0.00, 0.03
HSL	232°, 89%, 70%
HSV	232°, 54%, 97%
XYZ	31.3474, 25.9610, 90.9099
YIQ	137.2550, -47.6890, 32.7830

Conversions

Conversions Part 2

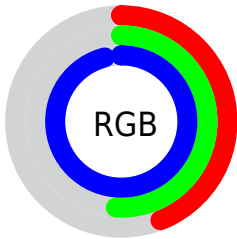
Format	Color
R _Y B	112, 127, 246
Decimal	7373302
CIE Lab	58.00, 26.49, -60.74
CIE LCh	58, 66.266, 293.562
Yxy	25.9610, 0.2115, 0.1752
Android (android.graphics.Color)	4285563382 (0xFF7081F6)
YUV	137.2550, 53.6113, -22.1486
Hunter-Lab	50.9519, 20.6537, -70.1206

Details

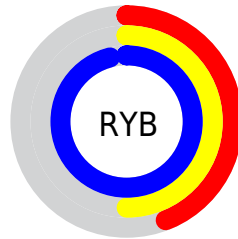
The CIELCh color **58, 66.266, 293.562** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **90, 58.897, 98.466**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 39.382, 289.290**, and **38, 66.501, 293.643** is the 20% darker color. If you saturate the color by 10%, you get **51, 79.931, 296.096**, and if you desaturate by 10%, it is **65, 53.034, 291.298**.

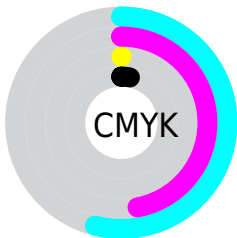
Distribution



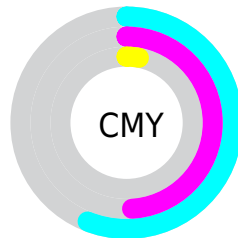
- Red (44%)
- Green (51%)
- Blue (96%)



- Red (44%)
- Yellow (50%)
- Blue (96%)



- Cyan (54%)
- Magenta (47%)
- Yellow (0%)
- Black (3%)





- Cyan (56%)
- Magenta (49%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 66.266, 293.562 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, 66.266, 293.562 by changing the saturation by 10% instead.


 58, 66.266,
293.562


 58, 66.266,
293.562


 100, 66.266,
293.562

 48, 66.266,
293.562


 78, 66.266,
293.562

 38, 66.266,
293.562

 88, 66.266,
293.562

 28, 66.266,
293.562

 98, 66.266,
293.562

 18, 66.266,
293.562

 8, 66.266, 293.562

 0, 66.266, 293.562

■ 58, 66.266,
293.562

■ 58, 66.266,
293.562

■ 51, 79.931,
296.096

■ 65, 53.034,
291.298

■ 45, 93.757,
298.793

■ 72, 40.301,
289.329

■ 39, 107.035,
301.447

■ 79, 28.052,
287.642

■ 35, 118.438,
303.756

■ 87, 16.251,
286.206

■ 33, 123.443,
304.758

■ 94, 4.860, 285.000

■ 100, 4.324,
109.837

Harmonies

Complementary

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



58, 66.266, 293.562



90, 58.897, 98.466

Rectangle

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



58, 66.266, 293.562



58, 66.266, 343.562



58, 66.266, 113.562



58, 66.266, 163.562

Sweetspot

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



58, 66.265, 293.563



88, 18.664, 286.430



90, 41.045, 183.601



45, 12.646, 286.714



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, 66.265, 293.563



52, 83.095, 296.295



58, 76.633, 307.934



47, 6.344, 285.588



24, 98.907, 304.446



4, 36.409, 297.551

Inverse Universe

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



64, 55.184, 16.981



61, 68.258, 20.125



91, 68.578, 121.535



48, 5.140, 9.790



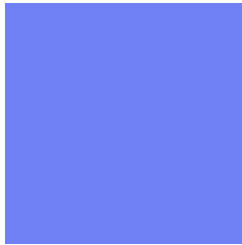
39, 77.037, 34.430



8, 30.309, 19.874

Previews

White Background



This preview shows how the CIE LCh color 58, 66.266, 293.562 looks on a white background.

Color Contrast Check

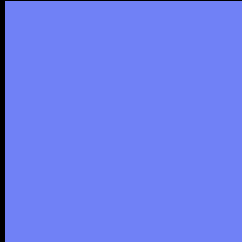
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66.266, 293.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

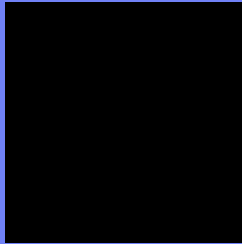
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 66.266, 293.562

Background



This preview shows how black text looks on a background with the CIELCh color 58, 66.266, 293.562.

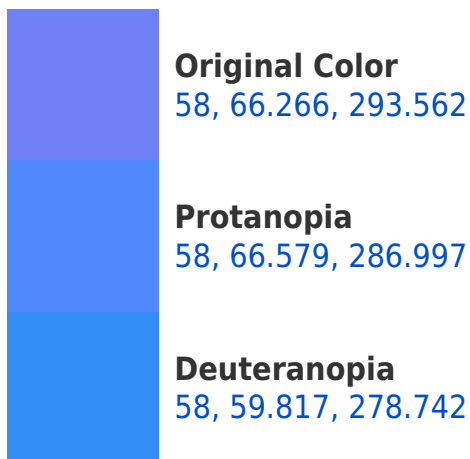


This preview shows how white text looks on a background with the CIELCh color 58, 66.266, 293.562.

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, 22.097, 215.776

Trichromacy



Original Color
58, 66.266, 293.562

Protanomaly
58, 66.426, 289.081

Deuteranomaly
58, 61.930, 283.568

Tritanomaly
58, 31.148, 265.831

Monochromacy



Original Color
58, 66.266, 293.562

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 23.992, 288.052

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 66.266, 293.562 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(112, 129, 246)` looks like.

```
.text, #text, p{  
    color:rgb(112, 129, 246)  
}
```

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(112, 129, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 129, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 66.266, 293.562 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(112, 129, 246) }
```

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

```
.border{ border-color:rgb(112, 129, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 129, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 129, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 129, 246); box-shadow:4px 4px 4px 4px rgb(112, 129, 246) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 66.266, 293.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 129, 246) }
```

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

```
.background{ background-color: rgb(112,  
129, 246) }
```

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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