

Converting Colors

CIELCh(58, 71.251, 293.344)

Have a look what the booklet for
CIELCh(58, 71.251, 293.344)
contains.

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Color

CIELCh(58, 71.261, 293.318)

Conversions

Conversions Part 1

Format	Color
Hex	6A81FF
RGB	106, 129, 255
RGB Percent	42%, 51%, 100%
CMY	0.5846, 0.4943, 0.0003
CMYK	0.58, 0.49, 0.00, 0.00
HSL	231°, 100%, 71%
HSV	231°, 58%, 100%
XYZ	31.8175, 25.9610, 97.8865
YIQ	136.4870, -54.1540, 34.3100

Conversions

Conversions Part 2

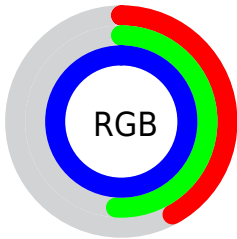
Format	Color
RYB	106, 126, 255
Decimal	6980095
CIELab	58.00, 28.21, -65.44
CIElCh	58, 71.261, 293.318
Yxy	25.9610, 0.2044, 0.1668
Android (android.graphics.Color)	4285170175 (0xFF6A81FF)
YUV	136.4870, 58.4269, -26.7371
Hunter-Lab	50.9519, 22.3005, -78.2388

Details

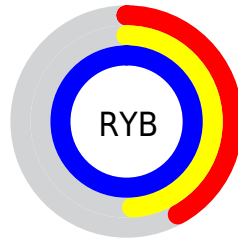
The CIELCh color **58, 71.261, 293.318** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **92, 63.181, 96.286**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 39.489, 287.151**, and **38, 71.279, 293.363** is the 20% darker color. If you saturate the color by 10%, you get **51, 84.948, 296.021**, and if you desaturate by 10%, it is **65, 57.969, 290.877**.

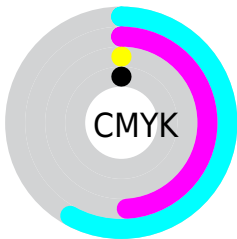
Distribution



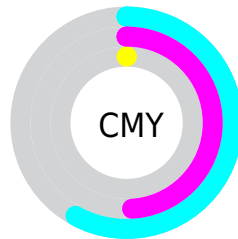
- Red (42%)
- Green (51%)
- Blue (100%)



- Red (42%)
- Yellow (49%)
- Blue (100%)



- Cyan (58%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (58%)
- Magenta (49%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 71.261, 293.318 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, 71.261, 293.318 by changing the saturation by 10% instead.


 58, 71.261,
293.318


 58, 71.261,
293.318


 100, 71.261,
293.318


 48, 71.261,
293.318


 78, 71.261,
293.318

 38, 71.261,
293.318

 88, 71.261,
293.318

 28, 71.261,
293.318

 98, 71.261,
293.318

 18, 71.261,
293.318

 8, 71.261, 293.318

 0, 71.261, 293.318

■ 58, 71.261,
293.318

■ 58, 71.261,
293.318

■ 51, 84.948,
296.021

■ 65, 57.969,
290.877

■ 45, 98.704,
298.855

■ 72, 45.160,
288.739

■ 40, 111.736,
301.585

■ 79, 32.824,
286.901

■ 36, 122.690,
303.893

■ 87, 20.927,
285.333

■ 35, 124.120,
304.180

■ 94, 9.431, 284.003

100, 0.021,
106.556

Harmonies

Complementary

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



58, 71.261, 293.318



92, 63.181, 96.286

Rectangle

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



58, 71.261, 293.318



58, 71.261, 343.318



58, 71.261, 113.318



58, 71.261, 163.318

Sweetspot

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



58, 71.261, 293.319



87, 20.410, 285.269



92, 45.558, 180.082



44, 14.252, 285.696



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, 71.261, 293.319



50, 87.113, 296.458



57, 84.846, 307.337



49, 6.360, 284.133



26, 98.763, 303.822



5, 39.213, 298.790

Inverse Universe

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



64, 60.882, 15.972



59, 72.719, 19.744



94, 74.561, 120.037



50, 5.353, 7.587



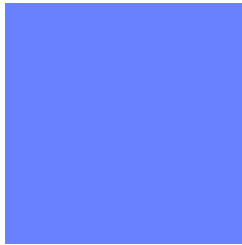
40, 77.251, 32.793



10, 32.254, 20.831

Previews

White Background



This preview shows how the CIELCh color 58, 71.261, 293.318 looks on a white background.

Color Contrast Check

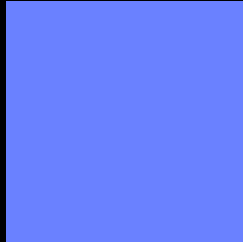
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 58, 71.261, 293.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

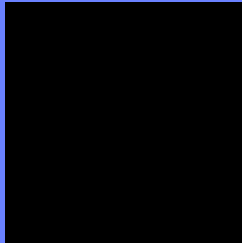
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 71.261, 293.318

Background



This preview shows how black text looks on a background with the CIELCh color 58, 71.261, 293.318.




This preview shows how white text looks on a background with the CIELCh color 58, 71.261, 293.318.

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, 25.759, 212.811

Trichromacy



Original Color
58, 71.261, 293.318

Protanomaly
58, 69.209, 289.200

Deuteranomaly
57, 66.320, 281.889

Tritanomaly
57, 33.780, 262.891

Monochromacy



Original Color
58, 71.261, 293.318

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 26.361, 287.404

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 71.261, 293.318 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(106, 129, 255)` looks like.

```
.text, #text, p{  
    color:rgb(106, 129, 255)  
}
```

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(106, 129, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 129, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 71.261, 293.318 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(106, 129, 255) }
```

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

```
.border{ border-color:rgb(106, 129, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 129, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 129, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 129, 255); box-shadow:4px 4px 4px 4px rgb(106, 129, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 71.261, 293.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 129, 255) }
```

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

```
.background{ background-color: rgb(106,  
129, 255) }
```

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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