

Converting Colors

CIELCh(58, 70.681, 292.324)

Have a look what the booklet for
CIELCh(58, 70.681, 292.324)
contains.

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Color

CIELCh(58, 70.726, 292.348)

Conversions

Conversions Part 1

Format	Color
Hex	6682FF
RGB	102, 130, 255
RGB Percent	40%, 51%, 100%
CMY	0.6006, 0.4907, 0.0005
CMYK	0.60, 0.49, 0.00, 0.00
HSL	229°, 100%, 70%
HSV	229°, 60%, 100%
XYZ	31.4573, 25.9610, 97.8459
YIQ	135.8780, -56.8130, 32.9390

Conversions

Conversions Part 2

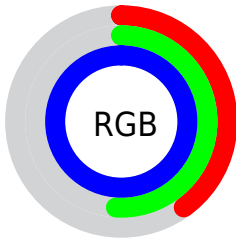
Format	Color
RYB	102, 126, 255
Decimal	6718207
CIELab	58.00, 26.89, -65.41
CIElCh	58, 70.726, 292.348
Yxy	25.9610, 0.2026, 0.1672
Android (android.graphics.Color)	4284908287 (0xFF6682FF)
YUV	135.8780, 58.7271, -29.7110
Hunter-Lab	50.9519, 21.0384, -78.1916

Details

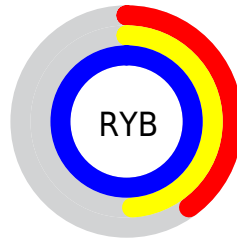
The CIELCh color **58, 70.726, 292.348** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **90, 63.277, 94.238**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 39.042, 285.271**, and **38, 70.741, 292.404** is the 20% darker color. If you saturate the color by 10%, you get **52, 83.944, 295.166**, and if you desaturate by 10%, it is **65, 57.894, 289.802**.

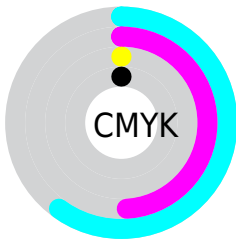
Distribution



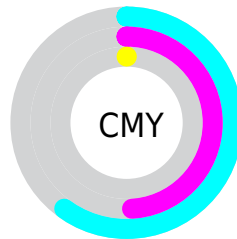
- Red (40%)
- Green (51%)
- Blue (100%)



- Red (40%)
- Yellow (49%)
- Blue (100%)



- Cyan (60%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)




- Cyan (60%)
- Magenta (49%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 70.726, 292.348 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, 70.726, 292.348 by changing the saturation by 10% instead.

 58, 70.726,
292.348

 58, 70.726,
292.348


 100, 70.726,
292.348


 48, 70.726,
292.348


 78, 70.726,
292.348

 38, 70.726,
292.348

 88, 70.726,
292.348

 28, 70.726,
292.348

 98, 70.726,
292.348

 18, 70.726,
292.348

 8, 70.726, 292.348

 0, 70.726, 292.348

■ 58, 70.726,
292.348

■ 58, 70.726,
292.348

■ 52, 83.944,
295.166

■ 65, 57.894,
289.802

■ 46, 97.270,
298.124

■ 72, 45.517,
287.570

■ 40, 110.013,
300.993

■ 79, 33.579,
285.648

■ 36, 120.957,
303.434

■ 86, 22.044,
284.007

■ 93, 10.877,
282.613

100, 0.049,
285.021

100, 0.057,
108.822

Harmonies

Complementary

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



58, 70.726, 292.348



90, 63.277, 94.238

Rectangle

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



58, 70.726, 292.348



58, 70.726, 342.348



58, 70.726, 112.348



58, 70.726, 162.348

Sweetspot

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



58, 70.726, 292.349



87, 19.751, 283.705



92, 47.057, 178.398



45, 13.786, 284.141



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, 70.726, 292.349



50, 86.606, 295.742



55, 87.206, 307.027



49, 6.160, 282.546



27, 96.130, 303.026



6, 38.257, 298.083

Inverse Universe

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



64, 62.276, 14.222



59, 73.975, 18.272



94, 76.005, 119.293



50, 5.399, 5.365



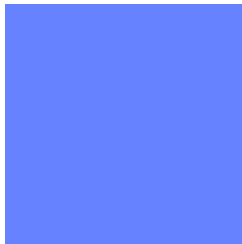
40, 75.784, 30.828



10, 32.084, 19.552

Previews

White Background



This preview shows how the CIELCh color 58, 70.726, 292.348 looks on a white background.

Color Contrast Check

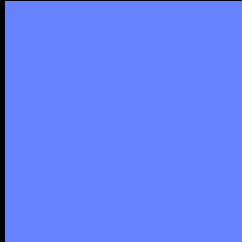
Large Text (above 18pt) WCAG AA ✓ Pass

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, 70.726, 292.348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

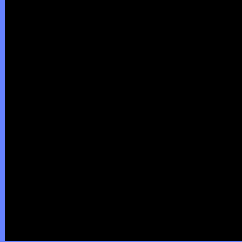
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 70.726, 292.348

Background



This preview shows how black text looks on a background with the CIELCh color 58, 70.726, 292.348.



This preview shows how white text looks on a background with the CIELCh color 58, 70.726, 292.348.

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



Trichromacy



Original Color
58, 70.726, 292.348

Protanomaly
58, 69.253, 288.919

Tritanomaly
57, 34.781, 261.703

Monochromacy



Original Color
58, 70.726, 292.348

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 25.823, 285.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 70.726, 292.348 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(102, 130, 255)` looks like.

```
.text, #text, p{  
    color:rgb(102, 130, 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(102, 130, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 130, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 70.726, 292.348 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(102, 130, 255) }
```

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

```
.border{ border-color:rgb(102, 130, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 130, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 130, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 130, 255);  
box-shadow:4px 4px 4px 4px rgb(102, 130,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 70.726, 292.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 130, 255) }
```

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

```
.background{ background-color: rgb(102,  
130, 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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