

Converting Colors

CIELCh(52, 72.413, 294.738)

Have a look what the booklet for
CIELCh(52, 72.413, 294.738)
contains.

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Color

CIELCh(52, 72.670, 294.808)

Conversions

Conversions Part 1

Format	Color
Hex	5C70EE
RGB	92, 112, 238
RGB Percent	36%, 44%, 93%
CMY	0.6376, 0.5596, 0.0653
CMYK	0.61, 0.53, 0.00, 0.07
HSL	232°, 81%, 65%
HSV	232°, 61%, 93%
XYZ	25.7650, 20.1443, 83.6921
YIQ	120.3840, -52.3660, 34.9460

Conversions

Conversions Part 2

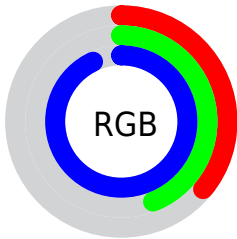
Format	Color
R _Y B	92, 110, 238
Decimal	6058222
CIE Lab	52.00, 30.49, -65.96
CIE LCh	52, 72.670, 294.808
Yxy	20.1443, 0.1988, 0.1554
Android (android.graphics.Color)	4284248302 (0xFF5C70EE)
YUV	120.3840, 57.9847, -24.8928
Hunter-Lab	44.8824, 23.9248, -79.1401

Details

The CIELCh color **52, 72.670, 294.808** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **87, 63.269, 97.116**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 50.399, 292.022**, and **32, 72.400, 295.038** is the 20% darker color. If you saturate the color by 10%, you get **46, 85.974, 297.497**, and if you desaturate by 10%, it is **59, 59.662, 292.339**.

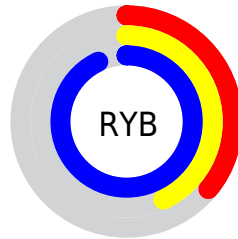
Distribution



Red (36%)

Green (44%)

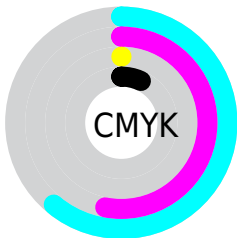
Blue (93%)



Red (36%)

Yellow (43%)

Blue (93%)

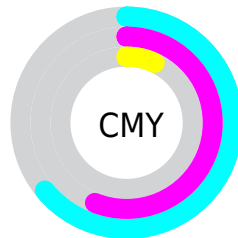


Cyan (61%)

Magenta (53%)

Yellow (0%)

Black (7%)



Cyan (64%)


Magenta (56%)

Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 72.670, 294.808 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 52, 72.670, 294.808 by changing the saturation by 10% instead.

 52, 72.670,
294.808


 52, 72.670,
294.808


 100, 72.670,
294.808


 42, 72.670,
294.808


 72, 72.670,
294.808

 32, 72.670,
294.808

 82, 72.670,
294.808

 22, 72.670,
294.808

 92, 72.670,
294.808

 12, 72.670,
294.808

 2, 72.670, 294.808

 0, 72.670, 294.808

■ 52, 72.670,
294.808

■ 52, 72.670,
294.808

■ 46, 85.974,
297.497

■ 59, 59.662,
292.339

■ 40, 99.097,
300.237

■ 66, 47.108,
290.157

■ 35, 111.029,
302.762

■ 72, 35.027,
288.272

■ 32, 119.355,
304.518

■ 79, 23.394,
286.660

■ 86, 12.170,
285.291

■ 93, 1.325, 284.212

■ 100, 8.426,
109.538

Harmonies

Complementary

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



52, 72.670, 294.808



87, 63.269, 97.116

Rectangle

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



52, 72.670, 294.808



52, 72.670, 344.808



52, 72.670, 114.808



52, 72.670, 164.808

Sweetspot

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



52, 72.670, 294.809



87, 20.832, 286.202



86, 44.031, 181.312



44, 14.549, 286.624



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 72.670, 294.809



48, 93.327, 298.056



52, 84.242, 307.988



46, 6.166, 285.073



24, 97.071, 304.202



4, 34.241, 296.207

Inverse Universe

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



59, 60.672, 18.100



58, 76.109, 22.272



88, 73.801, 120.658



47, 5.064, 8.994



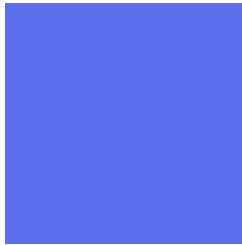
38, 75.715, 33.779



8, 29.207, 18.252

Previews

White Background



This preview shows how the CIELCh color 52, 72.670, 294.808 looks on a white background.

Color Contrast Check

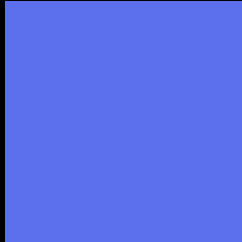
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 72.670, 294.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

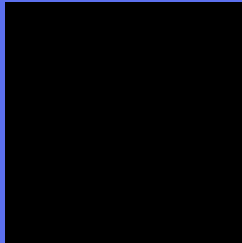
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 72.670, 294.808

Background



This preview shows how black text looks on a background with the CIELCh color 52, 72.670, 294.808.

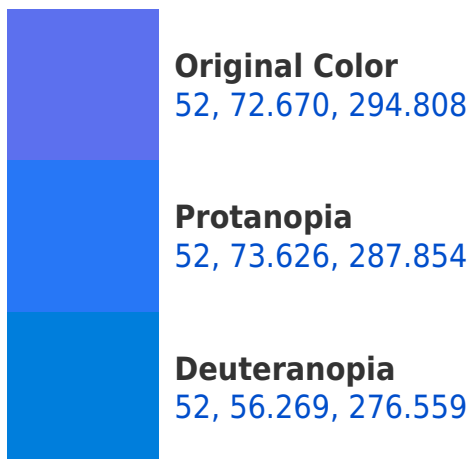


This preview shows how white text looks on a background with the CIELCh color 52, 72.670, 294.808.

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
52, 25.913, 211.520

Trichromacy



Original Color
52, 72.670, 294.808

Protanomaly
52, 72.933, 289.558

Deuteranomaly
51, 62.321, 282.749

Tritanomaly
51, 34.151, 264.221

Monochromacy



Original Color
52, 72.670, 294.808

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 26.888, 288.532

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 72.670, 294.808 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(92, 112, 238)` looks like.

```
.text, #text, p{  
    color:rgb(92, 112, 238)  
}
```

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(92, 112, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 112, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 72.670, 294.808 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(92, 112, 238) }
```

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

```
.border{ border-color:rgb(92, 112, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 112, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 112, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 112, 238); box-shadow:4px 4px 4px 4px rgb(92, 112, 238) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 72.670, 294.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 112, 238) }
```

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

```
.background{ background-color: rgb(92, 112,  
238) }
```

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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