

Converting Colors

CIELCh(56, 71.078, 295.649)

Have a look what the booklet for
CIELCh(56, 71.078, 295.649)
contains.

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Color

CIELCh(56, 71.112, 295.660)

Conversions

Conversions Part 1

Format	Color
Hex	6F7AF7
RGB	111, 122, 247
RGB Percent	44%, 48%, 97%
CMY	0.5659, 0.5226, 0.0325
CMYK	0.55, 0.51, 0.00, 0.03
HSL	235°, 89%, 70%
HSV	235°, 55%, 97%
XYZ	30.1870, 23.9124, 90.7787
YIQ	132.9610, -46.6810, 36.5430

Conversions

Conversions Part 2

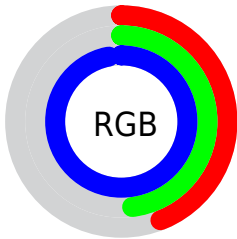
Format	Color
R _Y B	111, 121, 247
Decimal	7305975
CIE Lab	56.00, 30.79, -64.10
CIE LCh	56, 71.112, 295.660
Yxy	23.9124, 0.2084, 0.1651
Android (android.graphics.Color)	4285496055 (0xFF6F7AF7)
YUV	132.9610, 56.2212, -19.2598
Hunter-Lab	48.9003, 24.6156, -75.8359

Details

The CIELCh color **56, 71.112, 295.660** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **92, 61.986, 100.920**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 43.920, 293.032**, and **36, 71.062, 295.547** is the 20% darker color. If you saturate the color by 10%, you get **49, 85.553, 298.100**, and if you desaturate by 10%, it is **63, 57.050, 293.451**.

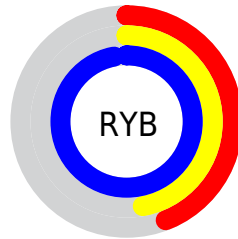
Distribution



Red (44%)

Green (48%)

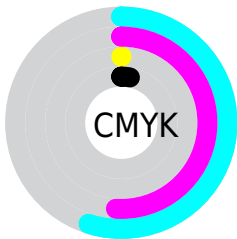
Blue (97%)



Red (44%)

Yellow (47%)

Blue (97%)

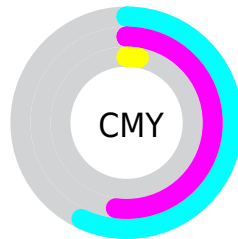


Cyan (55%)

Magenta (51%)

Yellow (0%)

Black (3%)



Cyan (57%)


Magenta (52%)


Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 71.112, 295.660 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 56, 71.112, 295.660 by changing the saturation by 10% instead.


 56, 71.112,
295.660


 56, 71.112,
295.660


 100, 71.112,
295.660


 46, 71.112,
295.660

 76, 71.112,
295.660

 36, 71.112,
295.660


 86, 71.112,
295.660

 26, 71.112,
295.660

 96, 71.112,
295.660

 16, 71.112,
295.660

 6, 71.112, 295.660

 0, 71.112, 295.660

■ 56, 71.112,
295.660

■ 56, 71.112,
295.660

■ 49, 85.553,
298.100

■ 63, 57.050,
293.451

■ 43, 99.905,
300.632

■ 71, 43.515,
291.518

■ 37, 113.102,
303.002

■ 78, 30.518,
289.860

■ 33, 123.399,
304.882

■ 86, 18.028,
288.449

■ 32, 126.863,
305.506

■ 93, 6.008, 287.260

■ 100, 4.197,
109.846

Harmonies

Complementary

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



56, 71.112, 295.660



92, 61.986, 100.920

Rectangle

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



56, 71.112, 295.660



56, 71.112, 345.660



56, 71.112, 115.660



56, 71.112, 165.660

Sweetspot

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



56, 71.112, 295.661



87, 20.882, 288.699



90, 40.163, 188.342



45, 14.020, 288.973



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 71.112, 295.661



50, 89.192, 298.349



58, 77.918, 309.430



47, 6.662, 287.750



23, 101.846, 305.276



4, 37.652, 298.395

Inverse Universe

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



64, 56.623, 20.553



61, 70.427, 23.794



91, 70.350, 123.477



48, 5.100, 13.380



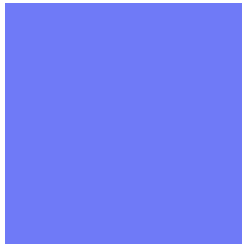
39, 79.156, 36.775



8, 30.537, 21.733

Previews

White Background



This preview shows how the CIELCh color 56, 71.112, 295.660 looks on a white background.

Color Contrast Check

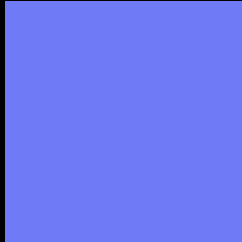
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 71.112, 295.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

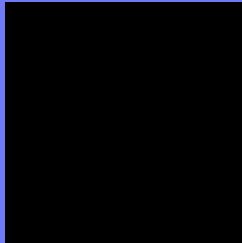
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 71.112, 295.660

Background



This preview shows how black text looks on a background with the CIELCh color 56, 71.112, 295.660.



This preview shows how white text looks on a background with the CIELCh color 56, 71.112, 295.660.

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
56, 21.990, 214.356

Trichromacy



Original Color
56, 71.112, 295.660

Protanomaly
56, 71.942, 290.168

Deuteranomaly
55, 64.976, 282.486

Tritanomaly
55, 32.082, 268.304

Monochromacy



Original Color
56, 71.112, 295.660

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 25.860, 290.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 71.112, 295.660 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(111, 122, 247)` looks like.

```
.text, #text, p{  
    color:rgb(111, 122, 247)  
}
```

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(111, 122, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 122, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 71.112, 295.660 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(111, 122, 247) }
```

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

```
.border{ border-color:rgb(111, 122, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 122, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 122, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 122, 247);  
box-shadow:4px 4px 4px 4px rgb(111, 122,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 71.112, 295.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 122, 247) }
```

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

```
.background{ background-color: rgb(111,  
122, 247) }
```

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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