

Converting Colors

CIELCh(55, 71.965, 293.474)

Have a look what the booklet for
CIELCh(55, 71.965, 293.474)
contains.

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Color

CIELCh(55, 71.965, 293.474)

Conversions

Conversions Part 1

Format	Color
Hex	6079F7
RGB	96, 121, 247
RGB Percent	38%, 47%, 97%
CMY	0.6228, 0.5250, 0.0307
CMYK	0.61, 0.51, 0.00, 0.03
HSL	230°, 91%, 67%
HSV	230°, 61%, 97%
XYZ	28.5100, 22.9298, 91.0484
YIQ	127.8890, -55.3460, 33.8860

Conversions

Conversions Part 2

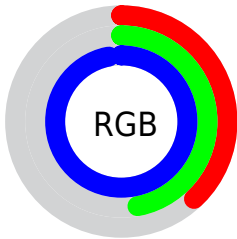
Format	Color
R _Y B	96, 117, 247
Decimal	6322679
CIE Lab	55.00, 28.67, -66.01
CIE LCh	55, 71.965, 293.474
Yxy	22.9298, 0.2001, 0.1609
Android (android.graphics.Color)	4284512759 (0xFF6079F7)
YUV	127.8890, 58.7217, -27.9667
Hunter-Lab	47.8851, 22.4770, -79.2139

Details

The CIELCh color **55, 71.965, 293.474** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **88, 63.558, 95.298**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 44.646, 288.647**, and **35, 72.176, 293.575** is the 20% darker color. If you saturate the color by 10%, you get **49, 85.193, 296.255**, and if you desaturate by 10%, it is **62, 59.084, 290.941**.

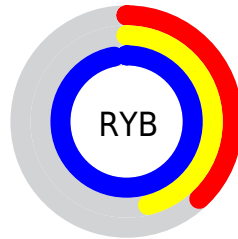
Distribution



Red (38%)

Green (47%)

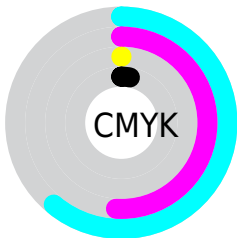
Blue (97%)



Red (38%)

Yellow (46%)

Blue (97%)

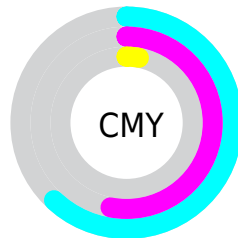


Cyan (61%)

Magenta (51%)

Yellow (0%)

Black (3%)



Cyan (62%)


Magenta (53%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 71.965, 293.474 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 55, 71.965, 293.474 by changing the saturation by 10% instead.


 55, 71.965,
293.474


 55, 71.965,
293.474


 100, 71.965,
293.474


 45, 71.965,
293.474


 75, 71.965,
293.474

 35, 71.965,
293.474

 85, 71.965,
293.474

 25, 71.965,
293.474

 95, 71.965,
293.474

 15, 71.965,
293.474

 5, 71.965, 293.474

 0, 71.965, 293.474

■ 55, 71.965,
293.474

■ 55, 71.965,
293.474

■ 49, 85.193,
296.255

■ 62, 59.084,
290.941

■ 43, 98.401,
299.132

■ 69, 46.659,
288.711

■ 38, 110.754,
301.858

■ 76, 34.687,
286.786

■ 35, 119.988,
303.879

■ 83, 23.136,
285.142

■ 90, 11.972,
283.744

■ 97, 1.161, 282.671

■ 100, 3.964,
109.862

Harmonies

Complementary

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



55, 71.965, 293.474



88, 63.558, 95.298

Rectangle

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



55, 71.965, 293.474



55, 71.965, 343.474



55, 71.965, 113.474



55, 71.965, 163.474

Sweetspot

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



55, 71.965, 293.475



87, 20.160, 284.691



89, 45.850, 179.777



44, 14.075, 285.121



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 71.965, 293.475



49, 90.010, 296.840



53, 86.559, 307.545



47, 6.077, 283.542



25, 95.717, 303.494



5, 35.332, 296.746

Inverse Universe

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



61, 61.965, 15.883



58, 75.311, 20.060



91, 75.532, 119.968



48, 5.192, 6.741



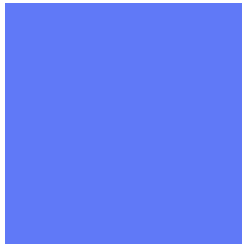
39, 75.089, 31.969



8, 30.137, 18.246

Previews

White Background



This preview shows how the CIELCh color 55, 71.965, 293.474 looks on a white background.

Color Contrast Check

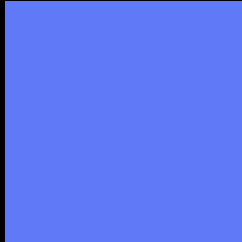
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 71.965, 293.474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

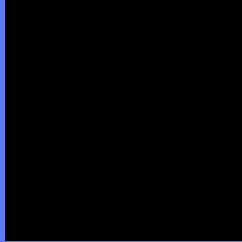
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 71.965, 293.474

Background



This preview shows how black text looks on a background with the CIELCh color 55, 71.965, 293.474.



This preview shows how white text looks on a background with the CIELCh color 55, 71.965, 293.474.

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
55, 27.105, 210.697

Trichromacy



Original Color
55, 71.965, 293.474

Protanomaly
55, 72.180, 289.299

Deuteranomaly
54, 64.087, 282.078

Tritanomaly
55, 34.519, 261.495

Monochromacy



Original Color
55, 71.965, 293.474

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 26.098, 285.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 71.965, 293.474 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(96, 121, 247)` looks like.

```
.text, #text, p{  
    color:rgb(96, 121, 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(96, 121, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 121, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 71.965, 293.474 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(96, 121, 247) }
```

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

```
.border{ border-color:rgb(96, 121, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 121, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 121, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 121, 247);  
box-shadow:4px 4px 4px 4px rgb(96, 121,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 71.965, 293.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 121, 247) }
```

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

```
.background{ background-color: rgb(96, 121,  
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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