

Converting Colors

CIELCh(55, 76.848, 296.294)

Have a look what the booklet for
CIELCh(55, 76.848, 296.294)
contains.

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Color

CIELCh(55, 76.383, 296.150)

Conversions

Conversions Part 1

Format	Color
Hex	6976FC
RGB	105, 118, 252
RGB Percent	41%, 46%, 99%
CMY	0.5890, 0.5378, 0.0125
CMYK	0.58, 0.53, 0.00, 0.01
HSL	235°, 96%, 70%
HSV	235°, 58%, 99%
XYZ	29.8063, 22.9298, 94.8033
YIQ	129.3890, -50.7620, 38.9180

Conversions

Conversions Part 2

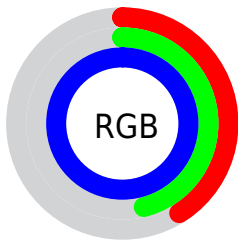
Format	Color
R _Y B	105, 117, 252
Decimal	6911740
CIE Lab	55.00, 33.66, -68.56
CIE LCh	55, 76.383, 296.150
Yxy	22.9298, 0.2020, 0.1554
Android (android.graphics.Color)	4285101820 (0xFF6976FC)
YUV	129.3890, 60.4472, -21.3892
Hunter-Lab	47.8851, 27.3092, -83.8632

Details

The CIELCh color **55, 76.383, 296.150** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **93, 65.898, 100.183**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 46.247, 293.365**, and **35, 76.174, 296.121** is the 20% darker color. If you saturate the color by 10%, you get **48, 91.003, 298.666**, and if you desaturate by 10%, it is **62, 62.059, 293.839**.

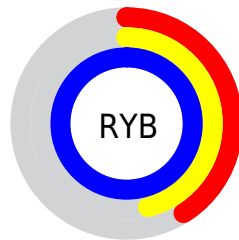
Distribution



Red (41%)

Green (46%)

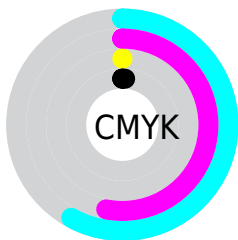
Blue (99%)



Red (41%)

Yellow (46%)

Blue (99%)

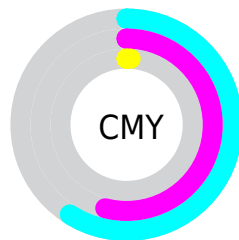


Cyan (58%)

Magenta (53%)

Yellow (0%)

Black (1%)



Cyan (59%)


Magenta (54%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 76.383, 296.150 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, 76.383, 296.150 by changing the saturation by 10% instead.


 55, 76.383,
296.150


 55, 76.383,
296.150


 100, 76.383,
296.150


 45, 76.383,
296.150


 75, 76.383,
296.150

 35, 76.383,
296.150

 85, 76.383,
296.150

 25, 76.383,
296.150

 95, 76.383,
296.150

 15, 76.383,
296.150

 5, 76.383, 296.150

 0, 76.383, 296.150

■ 55, 76.383,
296.150

■ 55, 76.383,
296.150

■ 48, 91.003,
298.666

■ 62, 62.059,
293.839

■ 42, 105.311,
301.214

■ 70, 48.243,
291.801

■ 37, 118.035,
303.514

■ 77, 34.972,
290.045

■ 34, 127.344,
305.225

■ 85, 22.220,
288.547

■ 33, 128.440,
305.416

■ 93, 9.949, 287.280

100, 1.600,
110.010

Harmonies

Complementary

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



55, 76.383, 296.150



93, 65.898, 100.183

Rectangle

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



55, 76.383, 296.150



55, 76.383, 346.150



55, 76.383, 116.150



55, 76.383, 166.150

Sweetspot

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



55, 76.383, 296.151



86, 21.971, 288.497



91, 42.925, 186.407



44, 15.351, 288.906



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, 76.383, 296.151



48, 94.329, 299.095



57, 83.933, 309.168



48, 6.722, 287.410



24, 102.504, 305.172



4, 39.404, 299.301

Inverse Universe

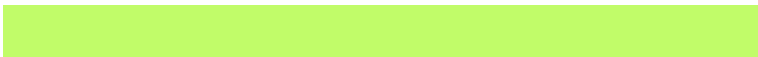
The Inverse Universe completely reimagines the original color for something new.



63, 61.114, 20.894



59, 74.539, 24.656



93, 74.928, 122.732



49, 5.193, 12.786



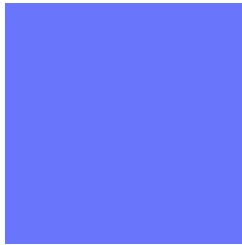
39, 79.667, 36.470



9, 31.588, 22.553

Previews

White Background



This preview shows how the CIELCh color 55, 76.383, 296.150 looks on a white background.

Color Contrast Check

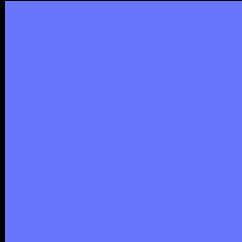
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76.383, 296.150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

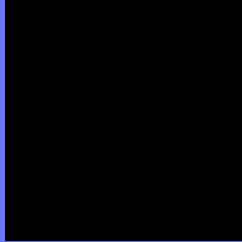
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 76.383, 296.150

Background



This preview shows how black text looks on a background with the CIELCh color 55, 76.383, 296.150.



This preview shows how white text looks on a background with the CIELCh color 55, 76.383, 296.150.

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, 24.374, 213.944

Trichromacy



Original Color
55, 76.383, 296.150

Protanomaly
55, 74.383, 290.179

Deuteranomaly
54, 65.135, 282.972

Tritanomaly
54, 35.208, 268.817

Monochromacy



Original Color
55, 76.383, 296.150

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 28.303, 290.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 76.383, 296.150 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(105, 118, 252)` looks like.

```
.text, #text, p{  
    color:rgb(105, 118, 252)  
}
```

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(105, 118, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 118, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 76.383, 296.150 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(105, 118, 252) }
```

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

```
.border{ border-color:rgb(105, 118, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 118, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 118, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 118, 252);  
box-shadow:4px 4px 4px 4px rgb(105, 118,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 76.383, 296.150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 118, 252) }
```

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

```
.background{ background-color: rgb(105,  
118, 252) }
```

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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