

Converting Colors

CIELCh(56, 76.261, 295.104)

Have a look what the booklet for
CIELCh(56, 76.261, 295.104)
contains.

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Color

CIELCh(56, 76.195, 295.230)

Conversions

Conversions Part 1

Format	Color
Hex	6779FF
RGB	103, 121, 255
RGB Percent	40%, 47%, 100%
CMY	0.5943, 0.5242, 0.0000
CMYK	0.59, 0.52, 0.00, 0.00
HSL	233°, 100%, 70%
HSV	233°, 59%, 100%
XYZ	30.6365, 23.9124, 97.9435
YIQ	130.8940, -53.7420, 37.8580

Conversions

Conversions Part 2

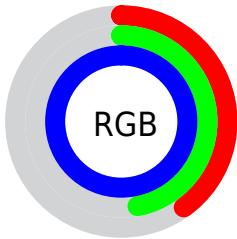
Format	Color
RYB	103, 119, 255
Decimal	6781439
CIELab	56.00, 32.48, -68.93
CIElCh	56, 76.195, 295.230
Yxy	23.9124, 0.2009, 0.1568
Android (android.graphics.Color)	4284971519 (0xFF6779FF)
YUV	130.8940, 61.1843, -24.4630
Hunter-Lab	48.9003, 26.2562, -84.5230

Details

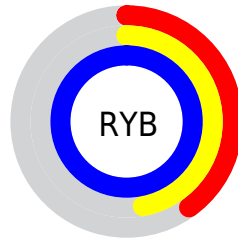
The CIELCh color **56, 76.195, 295.230** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **93, 66.028, 98.388**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 44.534, 291.225**, and **36, 75.980, 295.146** is the 20% darker color. If you saturate the color by 10%, you get **49, 90.304, 297.819**, and if you desaturate by 10%, it is **63, 61.982, 292.802**.

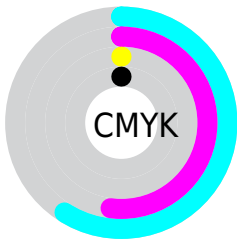
Distribution



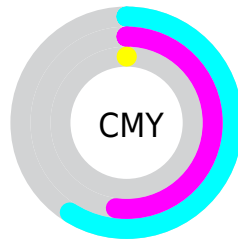
- Red (40%)
- Green (47%)
- Blue (100%)



- Red (40%)
- Yellow (47%)
- Blue (100%)



- Cyan (59%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)





- Cyan (59%)
- Magenta (52%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 76.195, 295.230 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, 76.195, 295.230 by changing the saturation by 10% instead.


 56, 76.195,
295.230


 56, 76.195,
295.230


 100, 76.195,
295.230


 46, 76.195,
295.230


 76, 76.195,
295.230

 36, 76.195,
295.230

 86, 76.195,
295.230

 26, 76.195,
295.230

 96, 76.195,
295.230

 16, 76.195,
295.230

 6, 76.195, 295.230

 0, 76.195, 295.230

■ 56, 76.195,
295.230

■ 56, 76.195,
295.230

■ 49, 90.304,
297.819

■ 63, 61.982,
292.802

■ 43, 104.432,
300.495

■ 71, 48.482,
290.689

■ 38, 117.244,
302.957

■ 78, 35.503,
288.867

■ 34, 127.071,
304.864

■ 86, 23.016,
287.313

■ 34, 127.512,
304.945

■ 93, 10.981,
285.994

100, 0.012,
296.813

Harmonies

Complementary

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



56, 76.195, 295.230



93, 66.028, 98.388

Rectangle

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



56, 76.195, 295.230



56, 76.195, 345.230



56, 76.195, 115.230



56, 76.195, 165.230

Sweetspot

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



56, 75.980, 295.201



87, 21.265, 287.110



92, 44.938, 183.060



44, 14.853, 287.527



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, 75.980, 295.201



48, 92.551, 298.240



56, 86.326, 308.320



49, 6.620, 286.003



25, 101.648, 304.652



5, 40.372, 299.586

Inverse Universe

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



64, 62.422, 19.013



59, 74.668, 22.870



94, 76.248, 121.377



50, 5.307, 10.444



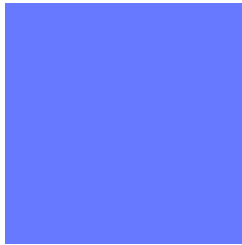
40, 79.097, 34.992



10, 32.480, 22.362

Previews

White Background



This preview shows how the CIELCh color 56, 76.195, 295.230 looks on a white background.

Color Contrast Check

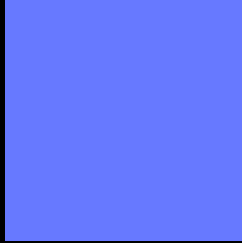
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76.195, 295.230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

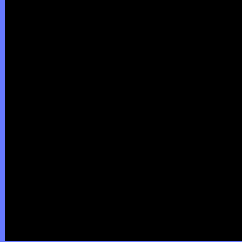
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 76.195, 295.230

Background



This preview shows how black text looks on a background with the CIELCh color 56, 76.195, 295.230.



This preview shows how white text looks on a background with the CIELCh color 56, 76.195, 295.230.

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, 25.977, 211.373

Trichromacy



Original Color
56, 76.195, 295.230

Protanomaly
56, 73.620, 290.210

Deuteranomaly
55, 66.058, 282.814

Tritanomaly
55, 35.195, 265.633

Monochromacy



Original Color
56, 76.195, 295.230

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 28.240, 289.475

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 76.195, 295.230 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(103, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(103, 121, 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(103, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 121, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 76.195, 295.230 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(103, 121, 255) }
```

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

```
.border{ border-color:rgb(103, 121, 255) }
```

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

Here you see how a box with a 4 pixel rgb(103, 121, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 121, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 121, 255);  
box-shadow:4px 4px 4px 4px rgb(103, 121,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 76.195, 295.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 121, 255) }
```

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

```
.background{ background-color: rgb(103,  
121, 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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