

Converting Colors

CIELCh(56, 74.729, 294.383)

Have a look what the booklet for
CIELCh(56, 74.729, 294.383)
contains.

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Color

CIELCh(56, 75.073, 294.564)

Conversions

Conversions Part 1

Format	Color
Hex	657AFE
RGB	101, 122, 254
RGB Percent	40%, 48%, 100%
CMY	0.6030, 0.5209, 0.0031
CMYK	0.60, 0.52, 0.00, 0.00
HSL	232°, 99%, 70%
HSV	232°, 60%, 100%
XYZ	30.2973, 23.9124, 96.9612
YIQ	130.7690, -54.8880, 36.6000

Conversions

Conversions Part 2

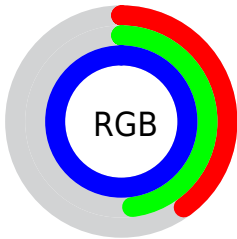
Format	Color
R _Y B	101, 119, 254
Decimal	6650622
CIE Lab	56.00, 31.21, -68.28
CIE LCh	56, 75.073, 294.564
Yxy	23.9124, 0.2004, 0.1582
Android (android.graphics.Color)	4284840702 (0xFF657AFE)
YUV	130.7690, 60.7529, -26.1074
Hunter-Lab	48.9003, 25.0182, -83.3320

Details

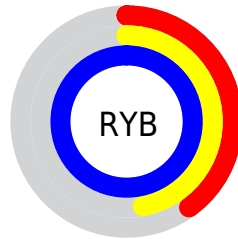
The CIELCh color **56, 75.073, 294.564** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **92, 65.595, 97.176**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 43.994, 289.976**, and **36, 74.813, 294.472** is the 20% darker color. If you saturate the color by 10%, you get **49, 89.068, 297.250**, and if you desaturate by 10%, it is **63, 61.415, 292.109**.

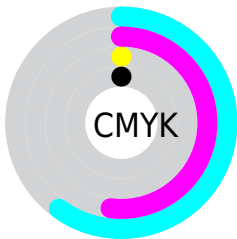
Distribution



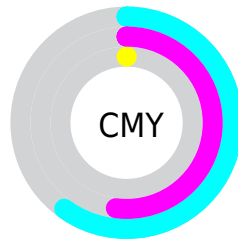
- Red (40%)
- Green (48%)
- Blue (100%)



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



- Cyan (60%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)





- Cyan (60%)
- Magenta (52%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 75.073, 294.564 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, 75.073, 294.564 by changing the saturation by 10% instead.


 56, 75.073,
294.564


 56, 75.073,
294.564


 100, 75.073,
294.564


 46, 75.073,
294.564


 76, 75.073,
294.564

 36, 75.073,
294.564

 86, 75.073,
294.564

 26, 75.073,
294.564

 96, 75.073,
294.564

 16, 75.073,
294.564

 6, 75.073, 294.564

 0, 75.073, 294.564

■ 56, 75.073,
294.564

■ 56, 75.073,
294.564

■ 49, 89.068,
297.250

■ 63, 61.415,
292.109

■ 43, 102.934,
300.007

■ 70, 48.243,
289.946

■ 38, 115.655,
302.572

■ 78, 35.570,
288.080

■ 35, 125.546,
304.570

■ 85, 23.364,
286.487

■ 92, 11.588,
285.135

■ 100, 0.208,
284.678

■ 100, 0.389,
109.950

Harmonies

Complementary

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



56, 75.073, 294.564



92, 65.595, 97.176

Rectangle

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



56, 75.073, 294.564



56, 75.073, 344.564



56, 75.073, 114.564



56, 75.073, 164.564

Sweetspot

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



56, 75.073, 294.565



87, 20.819, 286.174



91, 45.791, 181.409



44, 14.540, 286.596



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, 75.073, 294.565



48, 91.860, 297.757



56, 87.207, 307.923



49, 6.484, 285.053



25, 100.218, 304.246



5, 39.771, 299.182

Inverse Universe

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



63, 62.792, 17.805



59, 75.119, 21.839



94, 76.572, 120.679



50, 5.329, 8.958



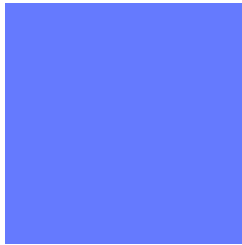
40, 78.148, 33.895



10, 32.360, 21.572

Previews

White Background



This preview shows how the CIELCh color 56, 75.073, 294.564 looks on a white background.

Color Contrast Check

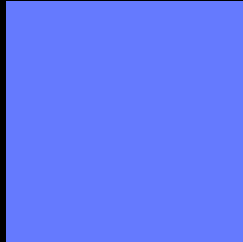
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.073, 294.564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

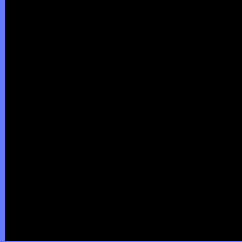
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 75.073, 294.564

Background



This preview shows how black text looks on a background with the CIELCh color 56, 75.073, 294.564.




This preview shows how white text looks on a background with the CIELCh color 56, 75.073, 294.564.

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, 26.528, 212.343

Trichromacy



Original Color
56, 75.073, 294.564

Protanomaly
56, 73.038, 289.755

Deuteranomaly
55, 66.074, 282.747

Tritanomaly
55, 35.444, 264.735

Monochromacy



Original Color
56, 75.073, 294.564

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 27.672, 287.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 75.073, 294.564 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(101, 122, 254)` looks like.

```
.text, #text, p{  
    color:rgb(101, 122, 254)  
}
```

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(101, 122, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 122, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 75.073, 294.564 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(101, 122, 254) }
```

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

```
.border{ border-color:rgb(101, 122, 254) }
```

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

Here you see how a box with a 4 pixel rgb(101, 122, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 122, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 122, 254);  
box-shadow:4px 4px 4px 4px rgb(101, 122,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 75.073, 294.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 122, 254) }
```

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

```
.background{ background-color: rgb(101,  
122, 254) }
```

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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