

Converting Colors

CIELCh(51, 91.940, 303.717)

Have a look what the booklet for
CIELCh(51, 91.940, 303.717)
contains.

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Color

CIELCh(51, 91.767, 303.768)

Conversions

Conversions Part 1

Format	Color
Hex	795EFE
RGB	121, 94, 254
RGB Percent	47%, 37%, 100%
CMY	0.5249, 0.6309, 0.0033
CMYK	0.52, 0.63, 0.00, 0.00
HSL	250°, 99%, 68%
HSV	250°, 63%, 100%
XYZ	29.8331, 19.2686, 96.0360
YIQ	120.3130, -35.2680, 55.4840

Conversions

Conversions Part 2

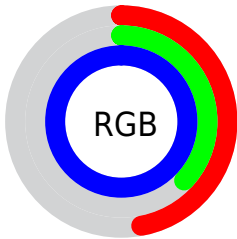
Format	Color
R _Y B	121, 94, 254
Decimal	7954174
CIE Lab	51.00, 51.01, -76.29
CIE LCh	51, 91.767, 303.768
Yxy	19.2686, 0.2056, 0.1328
Android (android.graphics.Color)	4286144254 (0xFF795EFE)
YUV	120.3130, 65.9077, 0.6025
Hunter-Lab	43.8960, 44.4962, -98.9878

Details

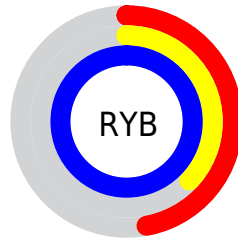
The CIELCh color **51, 91.767, 303.768** is a light color, and the websafe version is hex **6666FF**. The color can be described as light muted purple. A complement of this color would be **95, 76.868, 112.585**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 61.109, 305.913**, and **31, 91.827, 303.835** is the 20% darker color. If you saturate the color by 10%, you get **44, 106.618, 305.121**, and if you desaturate by 10%, it is **58, 76.256, 302.363**.

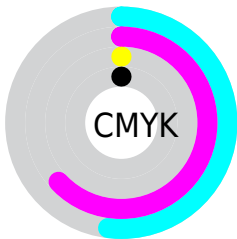
Distribution



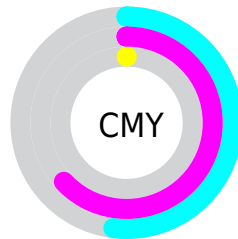
- Red (47%)
- Green (37%)
- Blue (100%)



- Red (47%)
- Yellow (37%)
- Blue (100%)



- Cyan (52%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (63%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 91.767, 303.768 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 51, 91.767, 303.768 by changing the saturation by 10% instead.

■ 51, 91.767,
303.768

■ 51, 91.767,
303.768

■ 100, 91.767,
303.768

■ 41, 91.767,
303.768

■ 71, 91.767,
303.768

■ 31, 91.767,
303.768

■ 81, 91.767,
303.768

■ 21, 91.767,
303.768

■ 91, 91.767,
303.768

■ 11, 91.767,
303.768

■ 1, 91.767, 303.768

■ 0, 91.767, 303.768

51, 91.767,
303.768

51, 91.767,
303.768

44, 106.618,
305.121

58, 76.256,
302.363

39, 119.468,
306.217

66, 60.817,
301.025

35, 128.477,
306.805

74, 45.780,
299.812

33, 132.169,
306.905

82, 31.268,
298.741

90, 17.309,
297.811

97, 3.890, 297.009

100, 0.421,
109.963

Harmonies

Complementary

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



51, 91.767, 303.768



95, 76.868, 112.585

Rectangle

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



51, 91.767, 303.768



51, 91.767, 353.768



51, 91.767, 123.768



51, 91.767, 173.768

Sweetspot

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



51, 91.767, 303.769



85, 25.738, 298.357



84, 37.160, 219.781



43, 17.814, 298.632



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



51, 91.767, 303.769



43, 111.109, 305.494



60, 91.347, 317.159



49, 7.561, 297.520



24, 106.568, 307.002



4, 44.497, 304.961

Inverse Universe

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



65, 83.534, 333.579



62, 94.319, 334.518



91, 86.841, 131.633



50, 8.058, 330.022



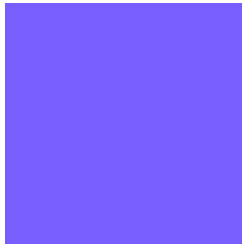
44, 81.567, 336.347



12, 38.114, 335.208

Previews

White Background



This preview shows how the CIELCh color 51, 91.767, 303.768 looks on a white background.

Color Contrast Check

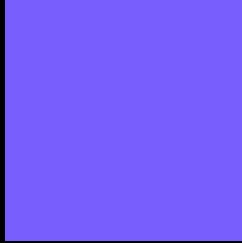
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 91.767, 303.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

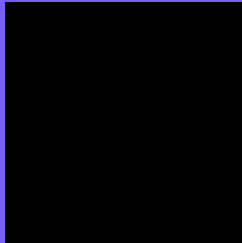
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 91.767, 303.768

Background



This preview shows how black text looks on a background with the CIELCh color 51, 91.767, 303.768.

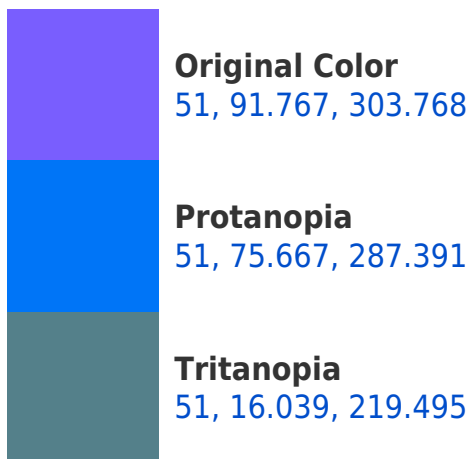


This preview shows how white text looks on a background with the CIELCh color 51, 91.767, 303.768.

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



Trichromacy



Original Color
51, 91.767, 303.768



Protanomaly
50, 81.863, 292.046



Tritanomaly
50, 37.580, 286.546

Monochromacy



Original Color
51, 91.767, 303.768



Achromatopsia
50, 0.007, 296.813



Achromatomaly
50, 34.219, 299.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 91.767, 303.768 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(121, 94, 254)` looks like.

```
.text, #text, p{  
    color:rgb(121, 94, 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(121, 94, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 94, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 91.767, 303.768 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(121, 94, 254) }
```

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

```
.border{ border-color:rgb(121, 94, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 94, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 94, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 94, 254);  
box-shadow:4px 4px 4px 4px rgb(121, 94,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 91.767, 303.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 94, 254) }
```

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

```
.background{ background-color: rgb(121, 94,  
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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