

Converting Colors

CIELCh(51, 84.941, 295.254)

Have a look what the booklet for
CIELCh(51, 84.941, 295.254)
contains.

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Color

CIELCh(51, 84.737, 295.128)

Conversions

Conversions Part 1

Format	Color
Hex	496CFF
RGB	73, 108, 255
RGB Percent	29%, 42%, 100%
CMY	0.7154, 0.5775, 0.0012
CMYK	0.72, 0.58, 0.00, 0.00
HSL	228°, 100%, 64%
HSV	228°, 72%, 100%
XYZ	26.0483, 19.2686, 96.6866
YIQ	114.2930, -68.0470, 38.2970

Conversions

Conversions Part 2

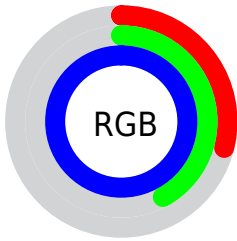
Format	Color
R _Y B	73, 102, 255
Decimal	4812031
CIE Lab	51.00, 35.98, -76.72
CIE LCh	51, 84.737, 295.128
Yxy	19.2686, 0.1834, 0.1357
Android (android.graphics.Color)	4283002111 (0xFF496CFF)
YUV	114.2930, 69.3686, -36.2140
Hunter-Lab	43.8960, 29.1056, -99.8666

Details

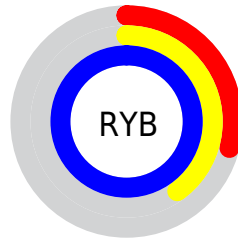
The CIELCh color **51, 84.737, 295.128** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **88, 72.813, 92.122**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 52.868, 290.437**, and **33, 83.937, 298.023** is the 20% darker color. If you saturate the color by 10%, you get **45, 97.890, 298.134**, and if you desaturate by 10%, it is **57, 71.663, 292.251**.

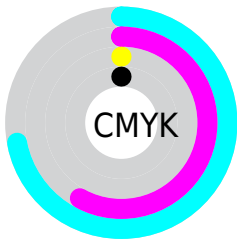
Distribution



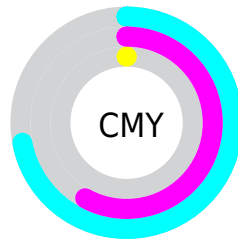
- Red (29%)
- Green (42%)
- Blue (100%)



- Red (29%)
- Yellow (40%)
- Blue (100%)



- Cyan (72%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)




- Cyan (72%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 84.737, 295.128 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, 84.737, 295.128 by changing the saturation by 10% instead.


 51, 84.737,
295.128


 51, 84.737,
295.128


 100, 84.737,
295.128

 41, 84.737,
295.128


 71, 84.737,
295.128

 31, 84.737,
295.128

 81, 84.737,
295.128

 21, 84.737,
295.128

 91, 84.737,
295.128

 11, 84.737,
295.128

 1, 84.737, 295.128

 0, 84.737, 295.128

■ 51, 84.737,
295.128

■ 51, 84.737,
295.128

■ 45, 97.890,
298.134

■ 57, 71.663,
292.251

■ 40, 110.420,
301.029

■ 64, 58.959,
289.639

■ 37, 119.720,
303.146

■ 71, 46.698,
287.344

■ 78, 34.866,
285.365

■ 85, 23.429,
283.673

■ 92, 12.350,
282.235

■ 99, 1.601, 281.099

■ 100, 0.149,
109.648

Harmonies

Complementary

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



51, 84.737, 295.128



88, 72.813, 92.122

Rectangle

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



51, 84.737, 295.128



51, 84.737, 345.128



51, 84.737, 115.128



51, 84.737, 165.128

Sweetspot

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



51, 84.737, 295.129



85, 22.885, 283.595



91, 53.560, 175.340



43, 15.555, 284.032



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, 84.737, 295.129



43, 103.766, 299.468



48, 103.722, 307.573



49, 6.092, 281.975



27, 95.158, 302.723



6, 37.905, 297.810

Inverse Universe

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



59, 73.253, 17.301



55, 85.163, 23.738



93, 86.975, 118.414



50, 5.416, 4.609



40, 75.288, 30.110



10, 32.025, 19.077

Previews

White Background



This preview shows how the CIELCh color 51, 84.737, 295.128 looks on a white background.

Color Contrast Check

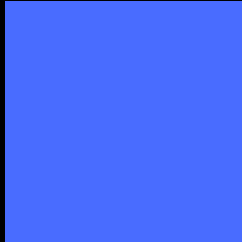
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.737, 295.128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

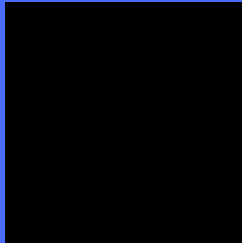
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 84.737, 295.128

Background



This preview shows how black text looks on a background with the CIELCh color 51, 84.737, 295.128.

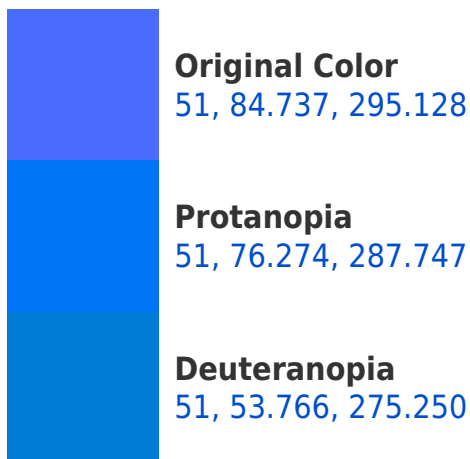


This preview shows how white text looks on a background with the CIELCh color 51, 84.737, 295.128.

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
51, 30.076, 206.799

Trichromacy



Original Color
51, 84.737, 295.128

Protanomaly
51, 79.577, 289.912

Deuteranomaly
50, 64.708, 283.867

Tritanomaly
50, 39.403, 262.562

Monochromacy



Original Color
51, 84.737, 295.128

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 31.335, 286.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 84.737, 295.128 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(73, 108, 255)` looks like.

```
.text, #text, p{  
    color:rgb(73, 108, 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(73, 108, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 108, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 84.737, 295.128 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(73, 108, 255) }
```

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

```
.border{ border-color:rgb(73, 108, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 108, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 108, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 108, 255);  
box-shadow:4px 4px 4px 4px rgb(73, 108,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 84.737, 295.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 108, 255) }
```

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

```
.background{ background-color: rgb(73, 108,  
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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