

Converting Colors

CIELCh(51, 82.608, 292.225)

Have a look what the booklet for
CIELCh(51, 82.608, 292.225)
contains.

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Color

CIELCh(51, 82.702, 292.330)

Conversions

Conversions Part 1

Format	Color
Hex	326FFE
RGB	50, 111, 254
RGB Percent	20%, 44%, 100%
CMY	0.8022, 0.5640, 0.0030
CMYK	0.80, 0.56, 0.00, 0.00
HSL	222°, 99%, 60%
HSV	222°, 80%, 100%
XYZ	24.9662, 19.2686, 96.3590
YIQ	109.0630, -82.2590, 31.5410

Conversions

Conversions Part 2

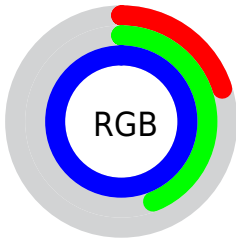
Format	Color
RYB	50, 97, 254
Decimal	3305470
CIELab	51.00, 31.42, -76.50
CIELCh	51, 82.702, 292.330
Yxy	19.2686, 0.1776, 0.1371
Android (android.graphics.Color)	4281495550 (0xFF326FFE)
YUV	109.0630, 71.4539, -51.7983
Hunter-Lab	43.8960, 24.7054, -99.4241

Details

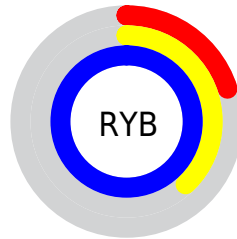
The CIELCh color **51, 82.702, 292.330** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **82, 74.788, 82.615**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 51.574, 284.891**, and **33, 80.803, 296.845** is the 20% darker color. If you saturate the color by 10%, you get **46, 94.119, 295.842**, and if you desaturate by 10%, it is **56, 71.409, 288.919**.

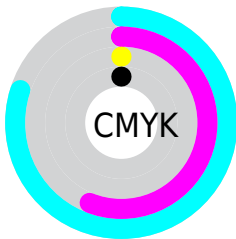
Distribution



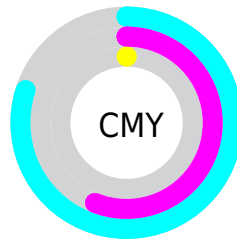
- Red (20%)
- Green (44%)
- Blue (100%)



- Red (20%)
- Yellow (38%)
- Blue (100%)



- Cyan (80%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)





- Cyan (80%)
- Magenta (56%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 82.702, 292.330 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, 82.702, 292.330 by changing the saturation by 10% instead.


 51, 82.702,
292.330


 51, 82.702,
292.330


 100, 82.702,
292.330


 41, 82.702,
292.330


 71, 82.702,
292.330

 31, 82.702,
292.330

 81, 82.702,
292.330

 21, 82.702,
292.330

 91, 82.702,
292.330

 11, 82.702,
292.330

 1, 82.702, 292.330

 0, 82.702, 292.330

■ 51, 82.702,
292.330

■ 51, 82.702,
292.330

■ 46, 94.119,
295.842

■ 56, 71.409,
288.919

■ 42, 105.054,
299.107

■ 62, 60.416,
285.774

■ 68, 49.749,
282.980

■ 75, 39.374,
280.553

■ 81, 29.253,
278.471

■ 87, 19.356,
276.695

■ 93, 9.663, 275.187

100, 0.164,
275.440

100, 0.381,
109.946

Harmonies

Complementary

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



51, 82.702, 292.330



82, 74.788, 82.615

Rectangle

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



51, 82.702, 292.330



51, 82.702, 342.330



51, 82.702, 112.330



51, 82.702, 162.330

Sweetspot

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



51, 82.702, 292.331



85, 23.186, 277.343



90, 63.495, 165.560



43, 15.986, 277.982



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, 82.702, 292.331



44, 100.924, 297.842



41, 115.829, 306.409



50, 5.416, 275.097



31, 83.345, 298.529



8, 33.451, 293.653

Inverse Universe

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



57, 78.246, 12.262



54, 86.629, 20.280



94, 91.621, 113.830



50, 5.661, 356.945



40, 70.748, 21.432



10, 31.468, 12.881

Previews

White Background



This preview shows how the CIE LCh color 51, 82.702, 292.330 looks on a white background.

Color Contrast Check

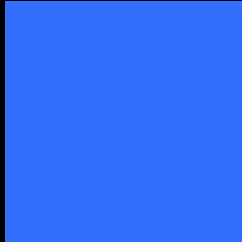
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 82.702, 292.330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

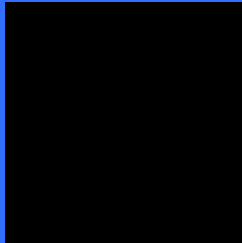
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

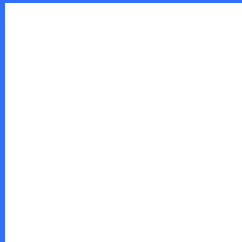
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 82.702, 292.330

Background



This preview shows how black text looks on a background with the CIELCh color 51, 82.702, 292.330.

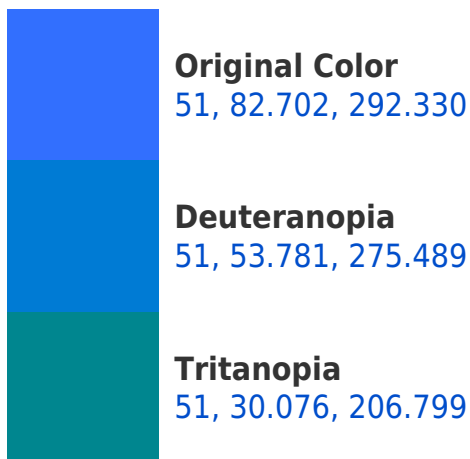


This preview shows how white text looks on a background with the CIELCh color 51, 82.702, 292.330.

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, 82.702, 292.330

Deuteranomaly
51, 63.674, 282.795

Tritanomaly
50, 38.474, 259.226

Monochromacy



Original Color
51, 82.702, 292.330

Achromatopsia
46, 0.006, 296.813

Achromatomaly
47, 31.226, 281.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 82.702, 292.330 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(50, 111, 254)` looks like.

```
.text, #text, p{  
    color:rgb(50, 111, 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(50, 111, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 111, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 82.702, 292.330 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(50, 111, 254) }
```

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

```
.border{ border-color:rgb(50, 111, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 111, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 111, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 111, 254);  
box-shadow:4px 4px 4px 4px rgb(50, 111,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 82.702, 292.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 111, 254) }
```

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

```
.background{ background-color: rgb(50, 111,  
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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