

Converting Colors

CIELCh(52, 71.391, 285.009)

Have a look what the booklet for
CIELCh(52, 71.391, 285.009)
contains.

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Color

CIELCh(52, 71.134, 285.104)

Conversions

Conversions Part 1

Format	Color
Hex	0079F3
RGB	0, 121, 243
RGB Percent	0%, 47%, 95%
CMY	0.9998, 0.5255, 0.0471
CMYK	1.00, 0.50, 0.00, 0.05
HSL	210°, 100%, 48%
HSV	210°, 100%, 95%
XYZ	23.0136, 20.1443, 87.4650
YIQ	98.7290, -111.2780, 12.2900

Conversions

Conversions Part 2

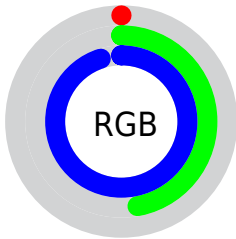
Format	Color
RYB	0, 81, 243
Decimal	31219
CIELab	52.00, 18.54, -68.68
CIELCh	52, 71.134, 285.104
Yxy	20.1443, 0.1762, 0.1542
Android (android.graphics.Color)	4278221299 (0xFF0079F3)
YUV	98.7290, 71.1256, -86.5853
Hunter-Lab	44.8824, 12.9820, -84.1242

Details

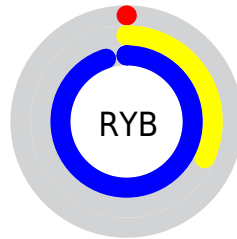
The CIELCh color **52, 71.134, 285.104** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **64, 82.392, 60.077**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 46.913, 273.662**, and **35, 69.244, 292.587** is the 20% darker color. If you saturate the color by 10%, you get **52, 71.152, 285.116**, and if you desaturate by 10%, it is **56, 63.967, 280.553**.

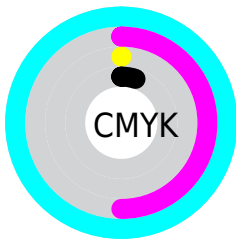
Distribution



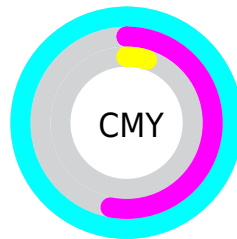
- Red (0%)
- Green (47%)
- Blue (95%)



- Red (0%)
- Yellow (32%)
- Blue (95%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (5%)





- Cyan (100%)
- Magenta (53%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 71.134, 285.104 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 52, 71.134, 285.104 by changing the saturation by 10% instead.


 52, 71.134,
285.104


 52, 71.134,
285.104


 100, 71.134,
285.104


 42, 71.134,
285.104


 72, 71.134,
285.104

 32, 71.134,
285.104

 82, 71.134,
285.104

 22, 71.134,
285.104

 92, 71.134,
285.104

 12, 71.134,
285.104

 2, 71.134, 285.104

 0, 71.134, 285.104

■ 52, 71.134,
285.104

■ 52, 71.134,
285.104

■ 52, 71.152,
285.116

■ 56, 63.967,
280.553

■ 59, 57.028,
276.092

■ 64, 50.198,
271.998

■ 68, 43.367,
268.381

■ 72, 36.448,
265.268

■ 77, 29.399,
262.631

■ 81, 22.210,
260.416

■ 86, 14.894,

258.564

■ 91, 7.478, 257.027

Harmonies

Complementary

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



52, 71.134, 285.104



64, 82.392, 60.077

Rectangle

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



52, 71.134, 285.104



52, 71.134, 335.104



52, 71.134, 105.104



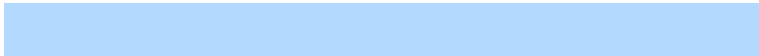
52, 71.134, 155.104

Sweetspot

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



52, 71.134, 285.106



85, 23.112, 260.437



85, 86.603, 148.722



43, 15.721, 261.327



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 71.134, 285.106



54, 73.991, 285.241



31, 129.006, 306.286



49, 4.287, 256.961



40, 57.292, 284.311



11, 22.255, 277.037

Inverse Universe

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



52, 81.581, 3.021



55, 84.605, 3.157



93, 93.431, 102.852



48, 6.163, 344.524



40, 66.874, 2.233



9, 30.236, 356.071

Previews

White Background



This preview shows how the CIE LCh color 52, 71.134, 285.104 looks on a white background.

Color Contrast Check

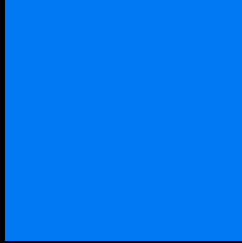
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 71.134, 285.104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

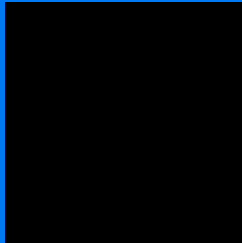
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

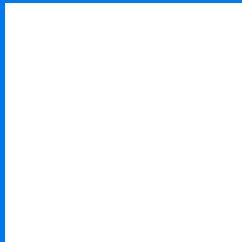
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 71.134, 285.104

Background



This preview shows how black text looks on a background with the CIELCh color 52, 71.134, 285.104.

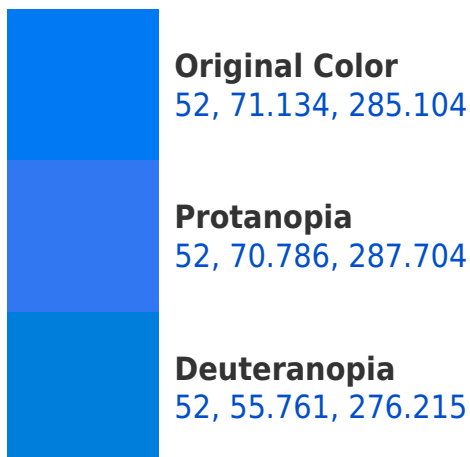


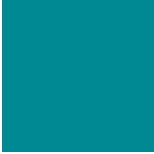
This preview shows how white text looks on a background with the CIELCh color 52, 71.134, 285.104.

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
52, 30.574, 206.586

Trichromacy



Original Color
52, 71.134, 285.104

Protanomaly
52, 70.973, 286.289

Deuteranomaly
52, 61.486, 280.115

Tritanomaly
51, 36.527, 251.475

Monochromacy



Original Color
52, 71.134, 285.104

Achromatopsia
42, 0.006, 296.813

Achromatomaly
44, 28.615, 266.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 71.134, 285.104 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(0, 121, 243)` looks like.

```
.text, #text, p{  
    color:rgb(0, 121, 243)  
}
```

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(0, 121, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 121, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 71.134, 285.104 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(0, 121, 243) }
```

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

```
.border{ border-color:rgb(0, 121, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 121, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 121, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 121, 243);  
box-shadow:4px 4px 4px 4px rgb(0, 121,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 71.134, 285.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 121, 243) }
```

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

```
.background{ background-color: rgb(0, 121,  
243) }
```

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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