

Converting Colors

CIELCh(52, 74.461, 286.662)

Have a look what the booklet for
CIELCh(52, 74.461, 286.662)
contains.

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Color

CIELCh(52, 74.371, 286.584)

Conversions

Conversions Part 1

Format	Color
Hex	0378F8
RGB	3, 120, 248
RGB Percent	1%, 47%, 97%
CMY	0.9877, 0.5305, 0.0287
CMYK	0.99, 0.52, 0.00, 0.03
HSL	211°, 98%, 49%
HSV	211°, 99%, 97%
XYZ	23.6150, 20.1443, 91.1871
YIQ	99.6090, -110.8200, 15.0040

Conversions

Conversions Part 2

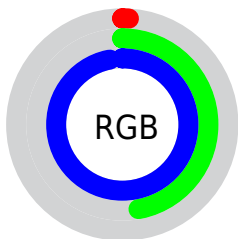
Format	Color
R _Y B	3, 82, 248
Decimal	227576
CIE Lab	52.00, 21.23, -71.28
CIE LCh	52, 74.371, 286.584
Yxy	20.1443, 0.1750, 0.1493
Android (android.graphics.Color)	4278417656 (0xFF0378F8)
YUV	99.6090, 73.1568, -84.7261
Hunter-Lab	44.8824, 15.3739, -89.0411

Details

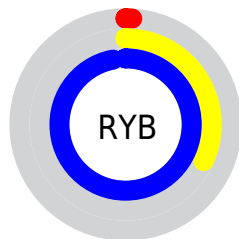
The CIELCh color **52, 74.371, 286.584** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark saturated azure. A complement of this color would be **67, 82.329, 62.158**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 47.734, 275.436**, and **35, 72.742, 293.723** is the 20% darker color. If you saturate the color by 10%, you get **52, 75.371, 287.121**, and if you desaturate by 10%, it is **56, 66.644, 282.119**.

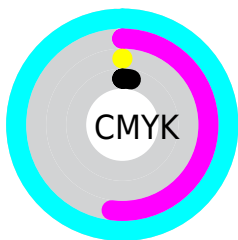
Distribution



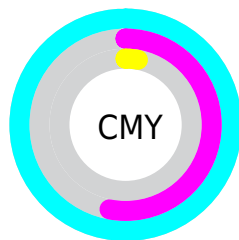
- Red (1%)
- Green (47%)
- Blue (97%)



- Red (1%)
- Yellow (32%)
- Blue (97%)



- Cyan (99%)
- Magenta (52%)
- Yellow (0%)
- Black (3%)



- Cyan (99%)
- Magenta (53%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 74.371, 286.584 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, 74.371, 286.584 by changing the saturation by 10% instead.

 52, 74.371,
286.584

 52, 74.371,
286.584

 100, 74.371,
286.584

 42, 74.371,
286.584


 72, 74.371,
286.584

 32, 74.371,
286.584

 82, 74.371,
286.584

 22, 74.371,
286.584

 92, 74.371,
286.584

 12, 74.371,
286.584

 2, 74.371, 286.584

 0, 74.371, 286.584

■ 52, 74.371,
286.584

■ 52, 74.371,
286.584

■ 52, 75.371,
287.121

■ 56, 66.644,
282.119

■ 60, 59.148,
277.775

■ 64, 51.791,
273.786

■ 69, 44.471,
270.257

■ 73, 37.108,
267.213

■ 78, 29.658,
264.628

■ 83, 22.111,
262.451

■ 88, 14.475,

260.624

■ 93, 6.773, 259.107

Harmonies

Complementary

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



52, 74.371, 286.584



67, 82.329, 62.158

Rectangle

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



52, 74.371, 286.584



52, 74.371, 336.584



52, 74.371, 106.584



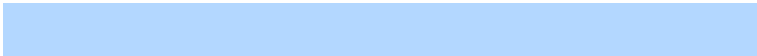
52, 74.371, 156.584

Sweetspot

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



52, 74.371, 286.586



85, 23.621, 262.715



86, 85.771, 149.825



43, 16.082, 263.609



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, 74.371, 286.586



53, 77.177, 287.193



32, 130.264, 306.242



50, 4.437, 259.212



40, 60.399, 286.336



11, 23.928, 279.624

Inverse Universe

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



53, 82.440, 4.575



55, 84.452, 5.219



94, 94.598, 103.909



49, 6.182, 345.692



40, 67.387, 4.294



10, 30.866, 358.067

Previews

White Background



This preview shows how the CIE LCh color 52, 74.371, 286.584 looks on a white background.

Color Contrast Check

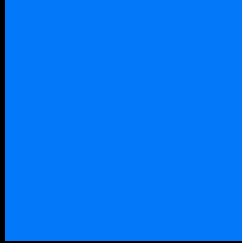
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.371, 286.584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

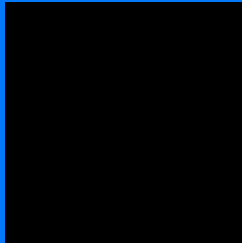
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

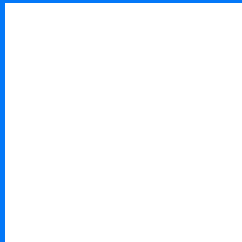
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 74.371, 286.584

Background



This preview shows how black text looks on a background with the CIELCh color 52, 74.371, 286.584.

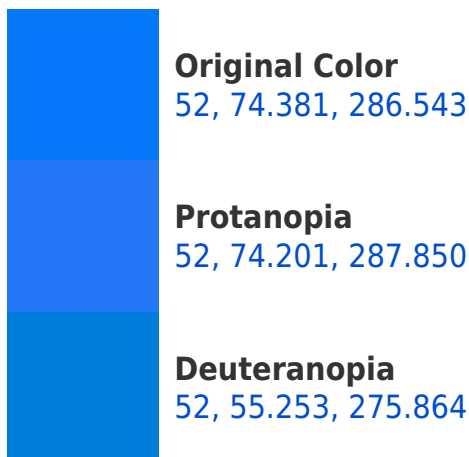


This preview shows how white text looks on a background with the CIELCh color 52, 74.371, 286.584.

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, 74.381, 286.543

Protanomaly
52, 74.323, 287.280

Deuteranomaly
52, 62.001, 280.424

Tritanomaly
51, 37.228, 253.115

Monochromacy



Original Color
52, 74.381, 286.543

Achromatopsia
42, 0.006, 296.813

Achromatomaly
44, 29.542, 268.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 74.371, 286.584 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(3, 120, 248)` looks like.

```
.text, #text, p{  
    color:rgb(3, 120, 248)  
}
```

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(3, 120, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 120, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 74.371, 286.584 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(3, 120, 248) }
```

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

```
.border{ border-color:rgb(3, 120, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 120, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 120, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 120, 248);  
box-shadow:4px 4px 4px 4px rgb(3, 120,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 74.371, 286.584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 120, 248) }
```

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

```
.background{ background-color: rgb(3, 120,  
248) }
```

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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