

Converting Colors

CIELCh(53, 74.359, 286.144)

Have a look what the booklet for
CIELCh(53, 74.359, 286.144)
contains.

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Color

CIELCh(53, 74.183, 286.020)

Conversions

Conversions Part 1

Format	Color
Hex	027BFB
RGB	2, 123, 251
RGB Percent	1%, 48%, 98%
CMY	0.9925, 0.5188, 0.0171
CMYK	0.99, 0.51, 0.00, 0.02
HSL	211°, 98%, 50%
HSV	211°, 99%, 98%
XYZ	24.4255, 21.0462, 93.7486
YIQ	101.4130, -113.2040, 14.1560

Conversions

Conversions Part 2

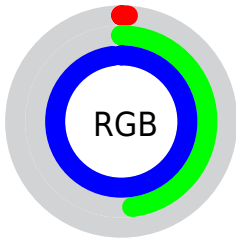
Format	Color
R _Y B	2, 83, 251
Decimal	162811
CIE Lab	53.00, 20.47, -71.30
CIE LCh	53, 74.183, 286.020
Yxy	21.0462, 0.1754, 0.1512
Android (android.graphics.Color)	4278352891 (0xFF027BFB)
YUV	101.4130, 73.7464, -87.1852
Hunter-Lab	45.8761, 14.7544, -89.0469

Details

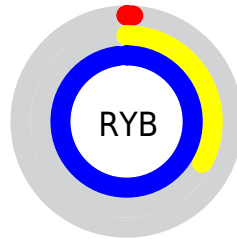
The CIELCh color **53, 74.183, 286.020** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **67, 83.600, 61.238**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 45.808, 273.081**, and **36, 71.888, 292.974** is the 20% darker color. If you saturate the color by 10%, you get **53, 74.778, 286.348**, and if you desaturate by 10%, it is **57, 66.569, 281.510**.

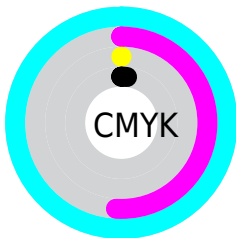
Distribution



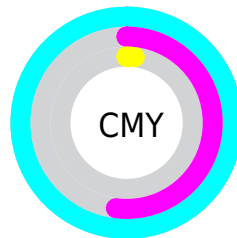
- Red (1%)
- Green (48%)
- Blue (98%)



- Red (1%)
- Yellow (33%)
- Blue (98%)



- Cyan (99%)
- Magenta (51%)
- Yellow (0%)
- Black (2%)





- Cyan (99%)
- Magenta (52%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 74.183, 286.020 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 53, 74.183, 286.020 by changing the saturation by 10% instead.


 53, 74.183,
286.020


 53, 74.183,
286.020


 100, 74.183,
286.020


 43, 74.183,
286.020


 73, 74.183,
286.020

 33, 74.183,
286.020

 83, 74.183,
286.020

 23, 74.183,
286.020

 93, 74.183,
286.020

 13, 74.183,
286.020

 3, 74.183, 286.020

 0, 74.183, 286.020

■ 53, 74.183,
286.020

■ 53, 74.183,
286.020

■ 53, 74.778,
286.348

■ 57, 66.569,
281.510

■ 61, 59.188,
277.110

■ 65, 51.937,
273.070

■ 70, 44.707,
269.497

■ 74, 37.416,
266.419

■ 79, 30.017,
263.807

■ 84, 22.501,
261.610

■ 89, 14.879,

259.770

■ 94, 7.174, 258.243

Harmonies

Complementary

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



53, 74.183, 286.020



67, 83.600, 61.238

Rectangle

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



53, 74.183, 286.020



53, 74.183, 336.020



53, 74.183, 106.020



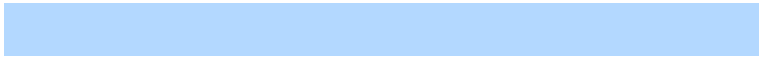
53, 74.183, 156.020

Sweetspot

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



53, 74.183, 286.022



85, 23.403, 261.770



87, 88.358, 148.845



43, 15.928, 262.663



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 74.183, 286.022



54, 75.832, 286.391



32, 131.744, 306.240



50, 4.404, 258.278



40, 59.356, 285.523



11, 23.553, 278.736

Inverse Universe

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



54, 83.313, 3.971



55, 84.501, 4.352



96, 95.520, 102.861



49, 6.218, 345.199



40, 67.443, 3.445



10, 30.937, 357.359

Previews

White Background



This preview shows how the CIE LCh color 53, 74.183, 286.020 looks on a white background.

Color Contrast Check

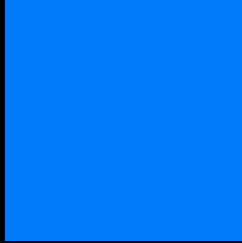
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 74.183, 286.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

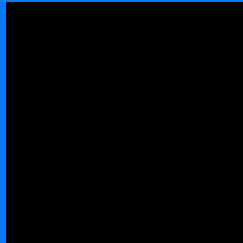
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

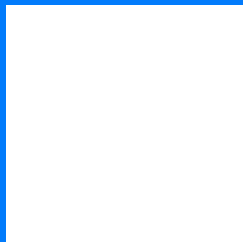
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 74.183, 286.020

Background



This preview shows how black text looks on a background with the CIELCh color 53, 74.183, 286.020.




This preview shows how white text looks on a background with the CIELCh color 53, 74.183, 286.020.

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
53, 31.070, 206.382

Trichromacy



Original Color
53, 74.193, 285.980

Protanomaly
53, 74.091, 286.892

Deuteranomaly
53, 62.411, 280.069

Tritanomaly
53, 37.453, 252.283

Monochromacy



Original Color
53, 74.193, 285.980

Achromatopsia
43, 0.006, 296.813

Achromatomaly
45, 29.570, 268.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 74.183, 286.020 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(2, 123, 251)` looks like.

```
.text, #text, p{  
    color:rgb(2, 123, 251)  
}
```

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(2, 123, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 123, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 74.183, 286.020 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(2, 123, 251) }
```

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

```
.border{ border-color:rgb(2, 123, 251) }
```

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

Here you see how a box with a 4 pixel rgb(2, 123, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 123, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 123, 251);  
box-shadow:4px 4px 4px 4px rgb(2, 123,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 74.183, 286.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 123, 251) }
```

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

```
.background{ background-color: rgb(2, 123,  
251) }
```

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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