

Converting Colors

CIELCh(54, 66.425, 281.939)

Have a look what the booklet for
CIELCh(54, 66.425, 281.939)
contains.

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Color

CIELCh(54, 66.516, 282.054)

Conversions

Conversions Part 1

Format	Color
Hex	0780F2
RGB	7, 128, 242
RGB Percent	3%, 50%, 95%
CMY	0.9735, 0.4971, 0.0498
CMYK	0.97, 0.47, 0.00, 0.05
HSL	209°, 95%, 49%
HSV	209°, 97%, 95%
XYZ	23.9057, 21.9746, 87.2127
YIQ	104.8170, -108.7100, 9.8020

Conversions

Conversions Part 2

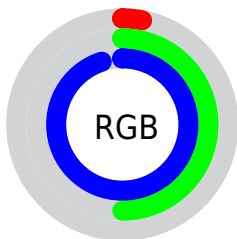
Format	Color
RYB	7, 87, 242
Decimal	491762
CIELab	54.00, 13.89, -65.05
CIELCh	54, 66.516, 282.054
Yxy	21.9746, 0.1796, 0.1651
Android (android.graphics.Color)	4278681842 (0xFF0780F2)
YUV	104.8170, 67.6312, -85.7855
Hunter-Lab	46.8770, 8.9941, -77.4926

Details

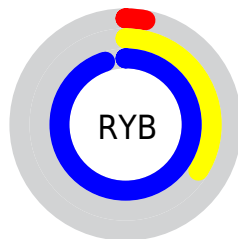
The CIELCh color **54, 66.516, 282.054** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **64, 81.477, 59.375**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 43.759, 269.045**, and **36, 64.716, 290.016** is the 20% darker color. If you saturate the color by 10%, you get **53, 68.430, 283.316**, and if you desaturate by 10%, it is **58, 59.857, 277.369**.

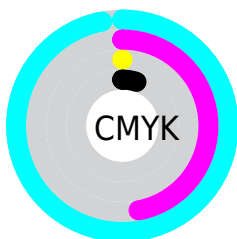
Distribution



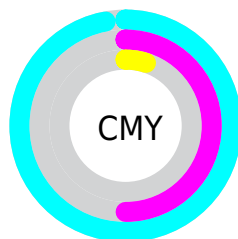
- Red (3%)
- Green (50%)
- Blue (95%)



- Red (3%)
- Yellow (34%)
- Blue (95%)



- Cyan (97%)
- Magenta (47%)
- Yellow (0%)
- Black (5%)





- Cyan (97%)
- Magenta (50%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 66.516, 282.054 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 54, 66.516, 282.054 by changing the saturation by 10% instead.


 54, 66.516,
282.054


 54, 66.516,
282.054


 100, 66.516,
282.054


 44, 66.516,
282.054


 74, 66.516,
282.054


 34, 66.516,
282.054

 84, 66.516,
282.054

 24, 66.516,
282.054

 94, 66.516,
282.054

 14, 66.516,
282.054

 4, 66.516, 282.054

 0, 66.516, 282.054

■ 54, 66.516,
282.054

■ 54, 66.516,
282.054

■ 53, 68.430,
283.316

■ 58, 59.857,
277.369

■ 61, 53.364,
272.929

■ 65, 46.907,
268.923

■ 70, 40.375,
265.429

■ 74, 33.695,
262.450

■ 78, 26.838,
259.943

■ 83, 19.808,
257.849

■ 88, 12.627,

256.105

■ 92, 5.327, 254.681

Harmonies

Complementary

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



54, 66.516, 282.054



64, 81.477, 59.375

Rectangle

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



54, 66.516, 282.054



54, 66.516, 332.054



54, 66.516, 102.054



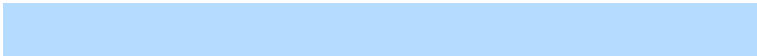
54, 66.516, 152.054

Sweetspot

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



54, 66.516, 282.056



86, 21.969, 258.212



85, 86.474, 148.524



44, 15.016, 259.091



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 66.516, 282.056



56, 71.325, 283.452



31, 126.856, 305.970



49, 4.227, 254.975



41, 55.252, 282.498



11, 21.554, 275.073

Inverse Universe

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



53, 81.389, 0.157



55, 84.837, 1.410



92, 91.587, 101.844



48, 6.238, 343.552



40, 67.091, 0.528



9, 30.412, 354.677

Previews

White Background



This preview shows how the CIE LCh color 54, 66.516, 282.054 looks on a white background.

Color Contrast Check

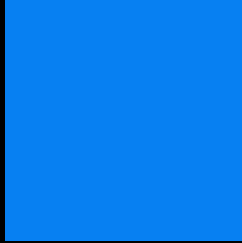
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 66.516, 282.054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

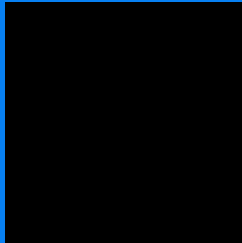
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

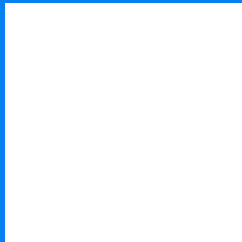
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 66.516, 282.054

Background



This preview shows how black text looks on a background with the CIELCh color 54, 66.516, 282.054.




This preview shows how white text looks on a background with the CIELCh color 54, 66.516, 282.054.

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
54, 31.565, 206.186

Trichromacy



Original Color
54, 66.505, 282.101

Protanomaly
54, 66.153, 284.456

Deuteranomaly
54, 61.270, 278.893

Tritanomaly
54, 36.066, 247.182

Monochromacy



Original Color
54, 66.505, 282.101

Achromatopsia
44, 0.006, 296.813

Achromatomaly
46, 27.477, 264.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 66.516, 282.054 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(7, 128, 242)` looks like.

```
.text, #text, p{  
    color:rgb(7, 128, 242)  
}
```

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(7, 128, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 128, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 66.516, 282.054 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(7, 128, 242) }
```

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

```
.border{ border-color:rgb(7, 128, 242) }
```

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

Here you see how a box with a 4 pixel rgb(7, 128, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 128, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 128, 242);  
box-shadow:4px 4px 4px 4px rgb(7, 128,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 66.516, 282.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 128, 242) }
```

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

```
.background{ background-color: rgb(7, 128,  
242) }
```

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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