

Converting Colors

CIELCh(54, 76.738, 292.112)

Have a look what the booklet for
CIELCh(54, 76.738, 292.112)
contains.

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Color

CIELCh(54, 76.796, 292.213)

Conversions

Conversions Part 1

Format	Color
Hex	4D77FD
RGB	77, 119, 253
RGB Percent	30%, 47%, 99%
CMY	0.6962, 0.5322, 0.0065
CMYK	0.69, 0.53, 0.00, 0.01
HSL	226°, 98%, 65%
HSV	226°, 69%, 99%
XYZ	27.5141, 21.9746, 96.0113
YIQ	121.7180, -68.0460, 32.7700

Conversions

Conversions Part 2

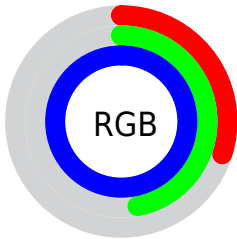
Format	Color
R_{YB}	77, 111, 253
Decimal	5076989
CIE _{Lab}	54.00, 29.03, -71.10
CIE _{LCh}	54, 76.796, 292.213
Yxy	21.9746, 0.1891, 0.1510
Android (android.graphics.Color)	4283267069 (0xFF4D77FD)
YUV	121.7180, 64.7220, -39.2177
Hunter-Lab	46.8770, 22.7343, -88.6210

Details

The CIELCh color **54, 76.796, 292.213** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **86, 68.795, 89.130**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 46.140, 284.902**, and **35, 75.654, 294.615** is the 20% darker color. If you saturate the color by 10%, you get **48, 89.177, 295.384**, and if you desaturate by 10%, it is **60, 64.682, 289.261**.

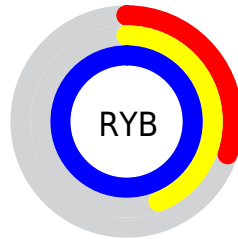
Distribution



Red (30%)

Green (47%)

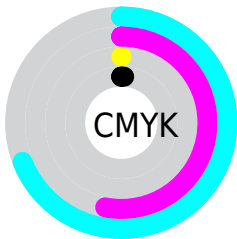
Blue (99%)



Red (30%)

Yellow (44%)

Blue (99%)

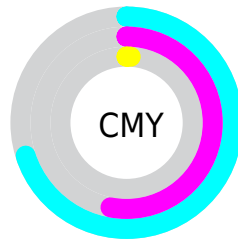


Cyan (69%)

Magenta (53%)

Yellow (0%)

Black (1%)



Cyan (70%)

Magenta (53%)

Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 76.796, 292.213 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, 76.796, 292.213 by changing the saturation by 10% instead.

 54, 76.796,
292.213

 54, 76.796,
292.213


 100, 76.796,
292.213


 44, 76.796,
292.213


 74, 76.796,
292.213

 34, 76.796,
292.213

 84, 76.796,
292.213

 24, 76.796,
292.213

 94, 76.796,
292.213

 14, 76.796,
292.213

 4, 76.796, 292.213

 0, 76.796, 292.213

■ 54, 76.796,
292.213

■ 54, 76.796,
292.213

■ 48, 89.177,
295.384

■ 60, 64.682,
289.261

■ 43, 101.450,
298.578

■ 67, 52.952,
286.621

■ 39, 112.861,
301.499

■ 73, 41.608,
284.321

■ 39, 113.472,
301.646

■ 80, 30.616,
282.346

■ 87, 19.940,
280.659

■ 93, 9.554, 279.227

100, 0.563, 97.586

100, 0.826,
110.022

Harmonies

Complementary

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



54, 76.796, 292.213



86, 68.795, 89.130

Rectangle

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



54, 76.796, 292.213



54, 76.796, 342.213



54, 76.796, 112.213



54, 76.796, 162.213

Sweetspot

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



54, 76.796, 292.214



86, 21.716, 280.908



90, 54.960, 171.388



44, 14.752, 281.359



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, 76.796, 292.214



47, 94.104, 296.544



48, 100.733, 306.303



50, 5.794, 279.237



29, 90.418, 301.159



6, 36.167, 296.354

Inverse Universe

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



60, 70.480, 12.972



56, 81.491, 18.625



94, 83.860, 116.182



50, 5.508, 1.259



40, 73.159, 26.628



10, 31.766, 16.701

Previews

White Background



This preview shows how the CIELCh color 54, 76.796, 292.213 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 54, 76.796, 292.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

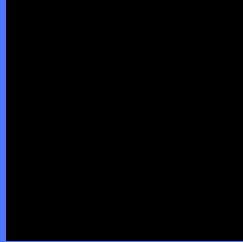
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 76.796, 292.213

Background



This preview shows how black text looks on a background with the CIELCh color 54, 76.796, 292.213.



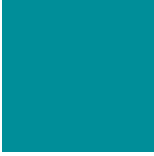
This preview shows how white text looks on a background with the CIELCh color 54, 76.796, 292.213.

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, 31.291, 208.511

Trichromacy



Original Color
54, 76.796, 292.213

Protanomaly
54, 75.902, 289.162

Deuteranomaly
54, 64.268, 282.078

Tritanomaly
53, 37.803, 256.344

Monochromacy



Original Color
54, 76.796, 292.213

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 28.740, 283.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 76.796, 292.213 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(77, 119, 253)` looks like.

```
.text, #text, p{  
    color:rgb(77, 119, 253)  
}
```

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(77, 119, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 119, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 76.796, 292.213 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(77, 119, 253) }
```

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

```
.border{ border-color:rgb(77, 119, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 119, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 119, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 119, 253);  
box-shadow:4px 4px 4px 4px rgb(77, 119,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 76.796, 292.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 119, 253) }
```

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

```
.background{ background-color: rgb(77, 119,  
253) }
```

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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