

Converting Colors

CIELCh(54, 74.156, 285.767)

Have a look what the booklet for
CIELCh(54, 74.156, 285.767)
contains.

CIELCh(54, 74.561, 285.970)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 74.561, 285.970)

Conversions

Conversions Part 1

Format	Color
Hex	0C7DFE
RGB	12, 125, 254
RGB Percent	5%, 49%, 100%
CMY	0.9541, 0.5089, 0.0029
CMYK	0.95, 0.51, 0.00, 0.00
HSL	212°, 99%, 52%
HSV	212°, 95%, 100%
XYZ	25.4425, 21.9746, 96.8953
YIQ	105.9190, -108.7570, 16.1630

Conversions

Conversions Part 2

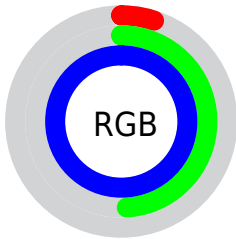
Format	Color
R_{YB}	12, 89, 254
Decimal	818686
CIE _{Lab}	54.00, 20.51, -71.68
CIE _{LCh}	54, 74.561, 285.970
Yxy	21.9746, 0.1763, 0.1523
Android (android.graphics.Color)	4279008766 (0xFF0C7DFE)
YUV	105.9190, 73.0039, -82.3670
Hunter-Lab	46.8770, 14.8462, -89.7391

Details

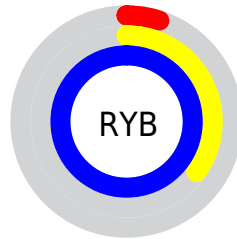
The CIELCh color **54, 74.561, 285.970** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark saturated azure. A complement of this color would be **70, 82.350, 63.881**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 44.774, 272.231**, and **37, 72.921, 293.080** is the 20% darker color. If you saturate the color by 10%, you get **52, 78.344, 287.960**, and if you desaturate by 10%, it is **58, 66.550, 281.538**.

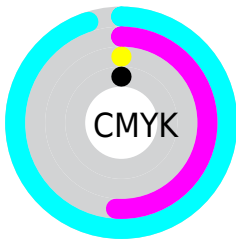
Distribution



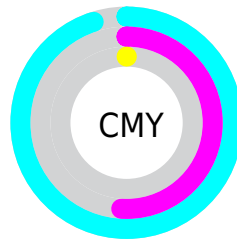
- Red (5%)
- Green (49%)
- Blue (100%)



- Red (5%)
- Yellow (35%)
- Blue (100%)



- Cyan (95%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)




- Cyan (95%)
- Magenta (51%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 74.561, 285.970 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, 74.561, 285.970 by changing the saturation by 10% instead.


 54, 74.561,
285.970

 54, 74.561,
285.970


 100, 74.561,
285.970


 44, 74.561,
285.970


 74, 74.561,
285.970

 34, 74.561,
285.970

 84, 74.561,
285.970

 24, 74.561,
285.970

 94, 74.561,
285.970

 14, 74.561,
285.970

 4, 74.561, 285.970

 0, 74.561, 285.970

■ 54, 74.561,
285.970

■ 54, 74.561,
285.970

■ 52, 78.344,
287.960

■ 58, 66.550,
281.538

■ 62, 58.754,
277.319

■ 67, 51.085,
273.489

■ 72, 43.445,
270.127

■ 77, 35.764,
267.240

■ 82, 28.008,
264.794

■ 87, 20.171,
262.733

■ 92, 12.264,

261.005

■ 97, 4.311, 259.595

Harmonies

Complementary

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



54, 74.561, 285.970



70, 82.350, 63.881

Rectangle

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



54, 74.561, 285.970



54, 74.561, 335.970



54, 74.561, 105.970



54, 74.561, 155.970

Sweetspot

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



54, 74.561, 285.972



85, 23.057, 263.436



88, 85.869, 150.565



43, 15.796, 264.325



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, 74.561, 285.972



52, 78.526, 287.967



33, 131.455, 306.049



50, 4.546, 260.129



40, 62.123, 287.165



11, 25.143, 280.870

Inverse Universe

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



55, 83.625, 3.963



55, 84.427, 6.085



97, 95.925, 103.922



50, 6.249, 346.190



41, 68.023, 5.188



10, 31.604, 359.100

Previews

White Background



This preview shows how the CIE LCh color 54, 74.561, 285.970 looks on a white background.

Color Contrast Check

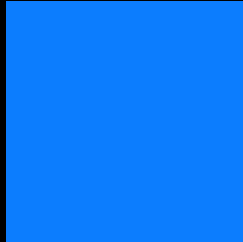
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.561, 285.970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

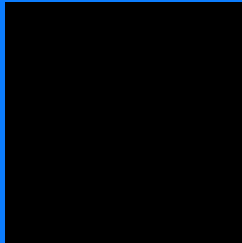
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

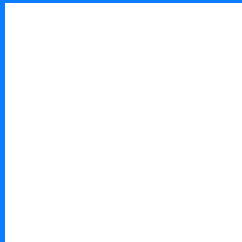
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 74.561, 285.970

Background



This preview shows how black text looks on a background with the CIELCh color 54, 74.561, 285.970.



This preview shows how white text looks on a background with the CIELCh color 54, 74.561, 285.970.

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



Original Color

54, 74.552, 286.012

Protanopia

54, 74.282, 287.712

Deuteranopia

54, 57.691, 276.441



Tritanopia
54, 31.340, 207.379

Trichromacy



Original Color
54, 74.552, 286.012

Protanomaly
54, 74.435, 286.989

Deuteranomaly
54, 63.875, 280.549

Tritanomaly
53, 37.899, 252.651

Monochromacy



Original Color
54, 74.552, 286.012

Achromatopsia
45, 0.006, 296.813

Achromatomaly
47, 29.709, 269.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 74.561, 285.970 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(12, 125, 254)` looks like.

```
.text, #text, p{  
    color:rgb(12, 125, 254)  
}
```

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(12, 125, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 125, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 74.561, 285.970 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(12, 125, 254) }
```

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

```
.border{ border-color:rgb(12, 125, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 125, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 125, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 125, 254);  
box-shadow:4px 4px 4px 4px rgb(12, 125,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 74.561, 285.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 125, 254) }
```

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

```
.background{ background-color: rgb(12, 125,  
254) }
```

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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