

Converting Colors

CIELCh(54, 93.597, 30.371)

Have a look what the booklet for
CIELCh(54, 93.597, 30.371) contains.

CIELCh(54, 93.086, 30.271)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 93.086, 30.271)

Conversions

Conversions Part 1

Format	Color
Hex	FF0B36
RGB	255, 11, 54
RGB Percent	100%, 4%, 21%
CMY	0.0000, 0.9561, 0.7893
CMYK	0.00, 0.96, 0.79, 0.00
HSL	350°, 100%, 52%
HSV	350°, 96%, 100%
XYZ	42.4249, 21.9746, 5.4631
YIQ	88.8580, 131.6210, 65.1010

Conversions

Conversions Part 2

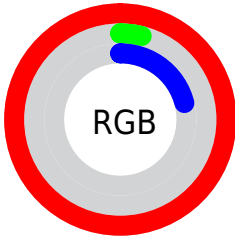
Format	Color
R_{YB}	255, 11, 54
Decimal	16714550
CIE Lab	54.00, 80.39, 46.92
CIE LCh	54, 93.086, 30.271
Yxy	21.9746, 0.6073, 0.3145
Android (android.graphics.Color)	4294904630 (0xFFFF0B36)
YUV	88.8580, -17.1850, 145.7065
Hunter-Lab	46.8770, 79.5122, 25.9042

Details

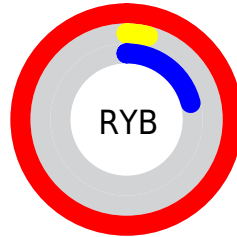
The CIELCh color **54, 93.086, 30.271** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **90, 59.628, 173.908**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 66.820, 27.128**, and **39, 80.714, 37.752** is the 20% darker color. If you saturate the color by 10%, you get **53, 95.548, 32.418**, and if you desaturate by 10%, it is **55, 85.667, 24.998**.

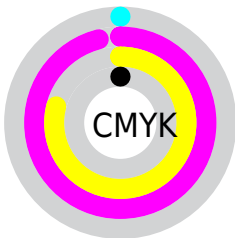
Distribution



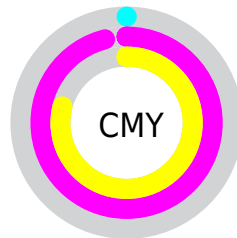
- Red (100%)
- Green (4%)
- Blue (21%)



- Red (100%)
- Yellow (4%)
- Blue (21%)



- Cyan (0%)
- Magenta (96%)
- Yellow (79%)
- Black (0%)



- Cyan (0%)
- Magenta (96%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 93.086, 30.271 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, 93.086, 30.271 by changing the saturation by 10% instead.

 54, 93.086, 30.271

 54, 93.086, 30.271

 100, 93.086,
30.271

 44, 93.086, 30.271

 74, 93.086, 30.271

 34, 93.086, 30.271

 84, 93.086, 30.271

 24, 93.086, 30.271

 94, 93.086, 30.271

 14, 93.086, 30.271

 4, 93.086, 30.271

 0, 93.086, 30.271

 54, 93.086, 30.271

 54, 93.086, 30.271

 53, 95.548, 32.418

 55, 85.667, 24.998

 58, 77.430, 20.406

61, 68.030, 16.643

66, 57.726, 13.660

71, 46.920, 11.313

77, 36.016, 9.451

83, 25.322, 7.948

90, 15.034, 6.706

96, 5.252, 5.606

Harmonies

Complementary

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



54, 93.086, 30.271



90, 59.628, 173.908

Rectangle

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



54, 93.086, 30.271



54, 93.086, 80.271



54, 93.086, 210.271



54, 93.086, 260.271

Sweetspot

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



54, 92.708, 30.196



81, 28.912, 8.424



53, 116.526, 321.380



40, 20.030, 9.071



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, 92.708, 30.196



53, 95.548, 32.418



60, 91.368, 48.282



50, 5.384, 6.034



40, 76.225, 31.443



10, 32.135, 19.955

Inverse Universe

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



54, 92.708, 30.196



53, 95.548, 32.418



69, 49.525, 258.009



50, 5.384, 6.034



40, 76.225, 31.443



10, 32.135, 19.955

Previews

White Background



This preview shows how the CIELCh color 54, 93.086, 30.271 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, 93.086, 30.271 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, 93.086, 30.271

Background



This preview shows how black text looks on a background with the CIELCh color 54, 93.086, 30.271.



This preview shows how white text looks on a background with the CIELCh color 54, 93.086, 30.271.

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, 92.653, 30.110

Protanopia

54, 27.234, 95.386

Deuteranopia

54, 50.797, 82.458



Tritanopia
54, 101.099, 39.589

Trichromacy



Original Color
54, 92.653, 30.110

Protanomaly
48, 46.165, 35.153

Deuteranomaly
49, 62.414, 45.917

Tritanomaly
54, 98.564, 37.065

Monochromacy



Original Color
54, 92.653, 30.110

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 39.635, 14.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 93.086, 30.271 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(255, 11, 54)` looks like.

```
.text, #text, p{  
    color:rgb(255, 11, 54)  
}
```

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(255, 11, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 11, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 93.086, 30.271 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(255, 11, 54) }
```

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

```
.border{ border-color:rgb(255, 11, 54) }
```

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

Here you see how a box with a 4 pixel rgb(255, 11, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 11, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 11, 54);  
box-shadow:4px 4px 4px 4px rgb(255, 11,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 93.086, 30.271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 11, 54) }
```

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

```
.background{ background-color: rgb(255, 11,  
54) }
```

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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