

Converting Colors

CIELCh(54, 92.001, 28.614)

Have a look what the booklet for
CIELCh(54, 92.001, 28.614) contains.

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Color

CIELCh(54, 91.587, 28.486)

Conversions

Conversions Part 1

Format	Color
Hex	FF0B3C
RGB	255, 11, 60
RGB Percent	100%, 4%, 24%
CMY	0.0000, 0.9564, 0.7665
CMYK	0.00, 0.96, 0.77, 0.00
HSL	348°, 100%, 52%
HSV	348°, 96%, 100%
XYZ	42.4599, 21.9746, 6.2155
YIQ	89.5420, 129.6950, 66.9670

Conversions

Conversions Part 2

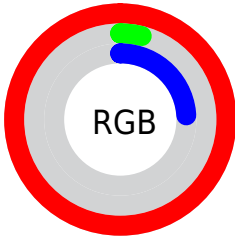
Format	Color
RYB	255, 11, 60
Decimal	16714556
CIELab	54.00, 80.50, 43.68
CIELCh	54, 91.587, 28.486
Yxy	21.9746, 0.6010, 0.3110
Android (android.graphics.Color)	4294904636 (0xFFFF0B3C)
YUV	89.5420, -14.5642, 145.1067
Hunter-Lab	46.8770, 79.6455, 24.9526

Details

The CIELCh color **54, 91.587, 28.486** 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, 61.436, 171.409**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 65.292, 24.293**, and **39, 79.463, 36.156** is the 20% darker color. If you saturate the color by 10%, you get **53, 93.999, 30.724**, and if you desaturate by 10%, it is **55, 84.680, 23.122**.

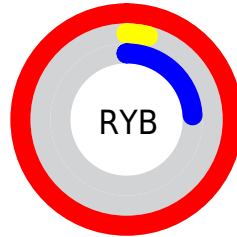
Distribution



Red (100%)

Green (4%)

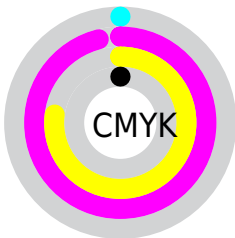
Blue (24%)



Red (100%)

Yellow (4%)

Blue (24%)

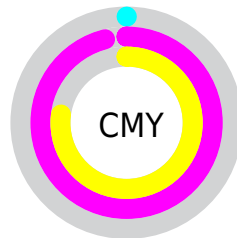


Cyan (0%)

Magenta (96%)

Yellow (77%)

Black (0%)



Cyan (0%)

Magenta (96%)

Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 91.587, 28.486 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, 91.587, 28.486 by changing the saturation by 10% instead.

 54, 91.587, 28.486

 54, 91.587, 28.486

 100, 91.587,
28.486

 44, 91.587, 28.486

 74, 91.587, 28.486

 34, 91.587, 28.486

 84, 91.587, 28.486

 24, 91.587, 28.486

 94, 91.587, 28.486

 14, 91.587, 28.486

 4, 91.587, 28.486

 0, 91.587, 28.486

 54, 91.587, 28.486

 54, 91.587, 28.486

 53, 93.999, 30.724

 55, 84.680, 23.122

 58, 76.840, 18.521

61, 67.754, 14.779

66, 57.670, 11.820

71, 47.002, 9.489

77, 36.167, 7.633

83, 25.488, 6.128

90, 15.171, 4.877

96, 5.329, 3.765

Harmonies

Complementary

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



54, 91.587, 28.486



90, 61.436, 171.409

Rectangle

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



54, 91.587, 28.486



54, 91.587, 78.486



54, 91.587, 208.486



54, 91.587, 258.486

Sweetspot

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



54, 91.310, 28.422



81, 29.043, 6.601



53, 116.785, 320.796



40, 20.104, 7.248



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, 91.310, 28.422



53, 93.999, 30.724



60, 92.207, 47.396



50, 5.426, 4.193



40, 75.016, 29.704



10, 31.993, 18.807

Inverse Universe

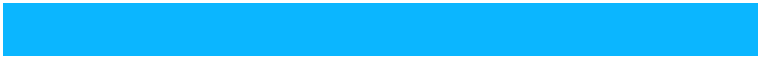
The Inverse Universe completely reimagines the original color for something new.



54, 91.310, 28.422



53, 93.999, 30.724



70, 48.261, 254.995



50, 5.426, 4.193



40, 75.016, 29.704



10, 31.993, 18.807

Previews

White Background



This preview shows how the CIELCh color 54, 91.587, 28.486 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, 91.587, 28.486 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, 91.587, 28.486

Background



This preview shows how black text looks on a background with the CIELCh color 54, 91.587, 28.486.



This preview shows how white text looks on a background with the CIELCh color 54, 91.587, 28.486.

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, 91.209, 28.275

Protanopia

54, 22.771, 95.036

Deuteranopia

54, 47.596, 81.488



Tritanopia
54, 100.087, 39.084

Trichromacy



Original Color
54, 91.209, 28.275



Protanomaly
48, 44.469, 30.576



Deuteranomaly
49, 59.830, 43.019



Tritanomaly
54, 97.241, 36.163

Monochromacy



Original Color
54, 91.209, 28.275



Achromatopsia
38, 0.005, 296.813



Achromatomaly
39, 39.934, 11.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 91.587, 28.486 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, 60)` looks like.

```
.text, #text, p{  
    color:rgb(255, 11, 60)  
}
```

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, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 11, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 91.587, 28.486 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, 60) }
```

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

```
.border{ border-color:rgb(255, 11, 60) }
```

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, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 11, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 11, 60);  
box-shadow:4px 4px 4px 4px rgb(255, 11,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 91.587, 28.486 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, 60) }
```

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

```
.background{ background-color: rgb(255, 11,  
60) }
```

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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