

Converting Colors

CIELCh(54, 92.969, 29.499)

Have a look what the booklet for
CIELCh(54, 92.969, 29.499) contains.

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Color

CIELCh(54, 92.398, 29.342)

Conversions

Conversions Part 1

Format	Color
Hex	FF0A39
RGB	255, 10, 57
RGB Percent	100%, 4%, 22%
CMY	0.0000, 0.9602, 0.7776
CMYK	0.00, 0.96, 0.78, 0.00
HSL	349°, 100%, 52%
HSV	349°, 96%, 100%
XYZ	42.4750, 21.9746, 5.8372
YIQ	88.6130, 130.9330, 66.5570

Conversions

Conversions Part 2

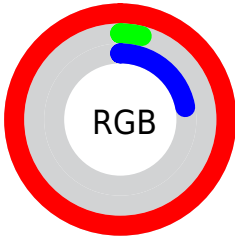
Format	Color
R _{YB}	255, 10, 57
Decimal	16714297
CIE Lab	54.00, 80.54, 45.28
CIE LCh	54, 92.398, 29.342
Yxy	21.9746, 0.6043, 0.3126
Android (android.graphics.Color)	4294904377 (0xFFFF0A39)
YUV	88.6130, -15.5852, 145.9214
Hunter-Lab	46.8770, 79.7031, 25.4311

Details

The CIELCh color **54, 92.398, 29.342** 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, 60.879, 172.188**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 66.093, 25.342**, and **39, 79.832, 36.869** is the 20% darker color. If you saturate the color by 10%, you get **53, 94.533, 31.327**, and if you desaturate by 10%, it is **55, 85.298, 23.976**.

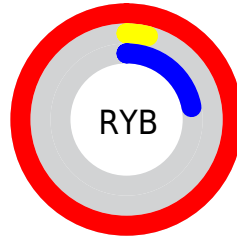
Distribution



Red (100%)

Green (4%)

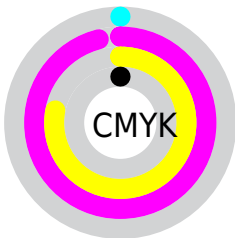
Blue (22%)



Red (100%)

Yellow (4%)

Blue (22%)

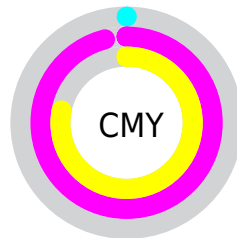


Cyan (0%)

Magenta (96%)

Yellow (78%)

Black (0%)



Cyan (0%)

Magenta (96%)

Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 92.398, 29.342 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, 92.398, 29.342 by changing the saturation by 10% instead.

 54, 92.398, 29.342

 54, 92.398, 29.342

 100, 92.398,
29.342

 44, 92.398, 29.342

 74, 92.398, 29.342

 34, 92.398, 29.342

 84, 92.398, 29.342

 24, 92.398, 29.342

 94, 92.398, 29.342

 14, 92.398, 29.342

 4, 92.398, 29.342

 0, 92.398, 29.342

 54, 92.398, 29.342

 54, 92.398, 29.342

 53, 94.533, 31.327

 55, 85.298, 23.976

 58, 77.370, 19.343

61, 68.220, 15.559

66, 58.092, 12.562

71, 47.392, 10.203

77, 36.533, 8.328

83, 25.838, 6.811

89, 15.515, 5.554

96, 5.675, 4.445

Harmonies

Complementary

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



54, 92.398, 29.342



90, 60.879, 172.188

Rectangle

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



54, 92.398, 29.342



54, 92.398, 79.342



54, 92.398, 209.342



54, 92.398, 259.342

Sweetspot

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



54, 92.030, 29.262



81, 28.994, 7.232



52, 116.878, 320.775



40, 20.075, 7.879



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, 92.030, 29.262



53, 94.533, 31.327



59, 92.470, 47.333



50, 5.411, 4.828



40, 75.431, 30.321



10, 32.042, 19.217

Inverse Universe

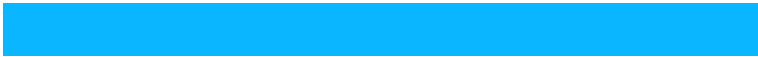
The Inverse Universe completely reimagines the original color for something new.



54, 92.030, 29.262



53, 94.533, 31.327



70, 48.361, 255.191



50, 5.411, 4.828



40, 75.431, 30.321



10, 32.042, 19.217

Previews

White Background



This preview shows how the CIELCh color 54, 92.398, 29.342 looks on a white background.

Color Contrast Check

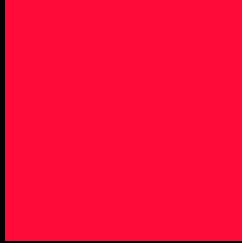
Large Text (above 18pt) WCAG AA ✓ Pass

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, 92.398, 29.342 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, 92.398, 29.342

Background



This preview shows how black text looks on a background with the CIELCh color 54, 92.398, 29.342.



This preview shows how white text looks on a background with the CIELCh color 54, 92.398, 29.342.

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, 91.970, 29.172

Protanopia

54, 24.962, 95.761

Deuteranopia

54, 49.238, 82.007



Tritanopia
54, 100.696, 39.413

Trichromacy



Original Color
54, 91.970, 29.172



Protanomaly
48, 45.400, 33.242



Deuteranomaly
49, 61.120, 44.525



Tritanomaly
54, 97.794, 36.526

Monochromacy



Original Color
54, 91.970, 29.172



Achromatopsia
38, 0.005, 296.813



Achromatomaly
38, 40.011, 12.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 92.398, 29.342 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, 10, 57)` looks like.

```
.text, #text, p{  
    color:rgb(255, 10, 57)  
}
```

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, 10, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 10, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 92.398, 29.342 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, 10, 57) }
```

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

```
.border{ border-color:rgb(255, 10, 57) }
```

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

Here you see how a box with a 4 pixel rgb(255, 10, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 10, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 10, 57);  
box-shadow:4px 4px 4px 4px rgb(255, 10,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 92.398, 29.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 10, 57) }
```

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

```
.background{ background-color: rgb(255, 10,  
57) }
```

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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