

Converting Colors

CIELCh(54, 99.259, 37.974)

Have a look what the booklet for
CIELCh(54, 99.259, 37.974) contains.

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Color

CIELCh(54, 99.192, 37.892)

Conversions

Conversions Part 1

Format	Color
Hex	FF1818
RGB	255, 24, 24
RGB Percent	100%, 9%, 9%
CMY	0.0001, 0.9059, 0.9059
CMYK	0.00, 0.91, 0.91, 0.00
HSL	0°, 100%, 55%
HSV	0°, 91%, 100%
XYZ	41.7245, 21.9746, 2.9059
YIQ	93.0690, 137.6760, 48.9720

Conversions

Conversions Part 2

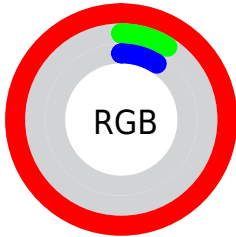
Format	Color
R_{YB}	255, 24, 24
Decimal	16717848
CIE Lab	54.00, 78.28, 60.92
CIE LCh	54, 99.192, 37.892
Yxy	21.9746, 0.6264, 0.3299
Android (android.graphics.Color)	4294907928 (0xFFFF1818)
YUV	93.0690, -34.0510, 142.0135
Hunter-Lab	46.8770, 76.8452, 29.1385

Details

The CIELCh color **54, 99.192, 37.892** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **91, 49.509, 196.429**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 72.427, 39.035**, and **39, 83.161, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **53, 104.569, 40.001**, and if you desaturate by 10%, it is **56, 89.872, 34.488**.

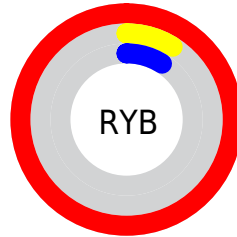
Distribution



Red (100%)

Green (9%)

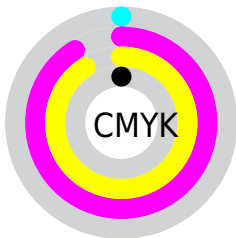
Blue (9%)



Red (100%)

Yellow (9%)

Blue (9%)

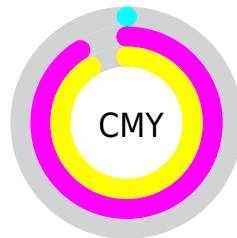


Cyan (0%)

Magenta (91%)

Yellow (91%)

Black (0%)



Cyan (0%)

Magenta (91%)

Yellow (91%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 99.192, 37.892 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, 99.192, 37.892 by changing the saturation by 10% instead.

 54, 99.192, 37.892

 54, 99.192, 37.892

 100, 99.192,
37.892

 44, 99.192, 37.892

 74, 99.192, 37.892

 34, 99.192, 37.892

 84, 99.192, 37.892

 24, 99.192, 37.892

 94, 99.192, 37.892


 14, 99.192, 37.892

 4, 99.192, 37.892

 0, 99.192, 37.892

 54, 99.192, 37.892

 54, 99.192, 37.892

 53, 104.569,
40.001

 56, 89.872, 34.488

 59, 78.572, 30.925

63, 66.488, 27.842

68, 54.225, 25.379

73, 42.197, 23.478

80, 30.695, 22.027

86, 19.883, 20.913

93, 9.829, 20.035

100, 0.529, 18.198

Harmonies

Complementary

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



54, 99.192, 37.892



91, 49.509, 196.429

Rectangle

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



54, 99.192, 37.892



54, 99.192, 87.892



54, 99.192, 217.892



54, 99.192, 267.892

Sweetspot

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



54, 99.188, 37.894



82, 26.728, 21.593



61, 113.618, 328.175



41, 18.244, 22.004



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, 99.188, 37.894



53, 104.575, 40.001



69, 80.742, 62.469



49, 5.254, 19.948



40, 84.229, 40.001



10, 33.366, 27.179

Inverse Universe

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



91, 49.509, 196.429



91, 50.111, 196.396



58, 66.684, 280.719



52, 4.945, 198.968



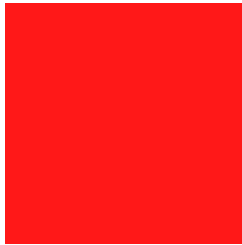
70, 40.361, 196.396



24, 18.568, 196.394

Previews

White Background



This preview shows how the CIELCh color 54, 99.192, 37.892 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, 99.192, 37.892 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, 99.192, 37.892

Background



This preview shows how black text looks on a background with the CIELCh color 54, 99.192, 37.892.



This preview shows how white text looks on a background with the CIELCh color 54, 99.192, 37.892.

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, 99.192, 37.892

Protanopia

54, 46.021, 95.638

Deuteranopia

54, 60.295, 83.616



Tritanopia
54, 101.026, 39.417

Trichromacy



Original Color
54, 99.192, 37.892

Protanomaly
49, 57.621, 53.241

Deuteranomaly
50, 70.596, 54.876

Tritanomaly
54, 100.322, 38.892

Monochromacy



Original Color
54, 99.192, 37.892

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 39.176, 26.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 99.192, 37.892 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, 24, 24)` looks like.

```
.text, #text, p{  
    color:rgb(255, 24, 24)  
}
```

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, 24, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 24, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 99.192, 37.892 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, 24, 24) }
```

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

```
.border{ border-color:rgb(255, 24, 24) }
```

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

Here you see how a box with a 4 pixel rgb(255, 24, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 24, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 24, 24);  
box-shadow:4px 4px 4px 4px rgb(255, 24,  
24) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 99.192, 37.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 24, 24) }
```

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

```
.background{ background-color: rgb(255, 24,  
24) }
```

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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