

Converting Colors

CIELCh(54, 98.177, 36.934)

Have a look what the booklet for
CIELCh(54, 98.177, 36.934) contains.

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Color

CIELCh(54, 98.145, 36.913)

Conversions

Conversions Part 1

Format	Color
Hex	FF171D
RGB	255, 23, 29
RGB Percent	100%, 9%, 11%
CMY	0.0000, 0.9093, 0.8861
CMYK	0.00, 0.91, 0.89, 0.00
HSL	358°, 100%, 55%
HSV	358°, 91%, 100%
XYZ	41.7879, 21.9746, 3.2037
YIQ	93.0520, 136.3460, 51.0500

Conversions

Conversions Part 2

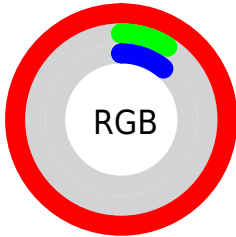
Format	Color
R_{YB}	255, 23, 29
Decimal	16717597
CIE Lab	54.00, 78.47, 58.95
CIE LCh	54, 98.145, 36.913
Yxy	21.9746, 0.6240, 0.3281
Android (android.graphics.Color)	4294907677 (0xFFFF171D)
YUV	93.0520, -31.5776, 142.0284
Hunter-Lab	46.8770, 77.0866, 28.7619

Details

The CIELCh color **54, 98.145, 36.913** 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, 50.454, 192.825**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 71.525, 37.317**, and **39, 83.161, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **53, 103.583, 39.304**, and if you desaturate by 10%, it is **56, 88.861, 33.137**.

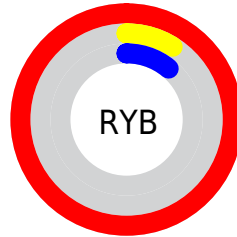
Distribution



Red (100%)

Green (9%)

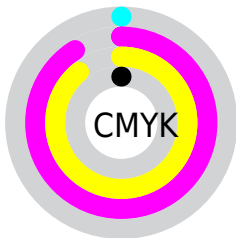
Blue (11%)



Red (100%)

Yellow (9%)

Blue (11%)

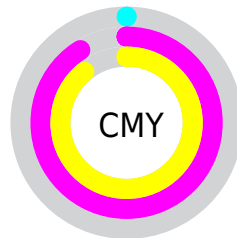


Cyan (0%)

Magenta (91%)

Yellow (89%)

Black (0%)



Cyan (0%)

Magenta (91%)

Yellow (89%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 98.145, 36.913 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, 98.145, 36.913 by changing the saturation by 10% instead.

 54, 98.145, 36.913

 54, 98.145, 36.913

 100, 98.145,
36.913

 44, 98.145, 36.913

 74, 98.145, 36.913

 34, 98.145, 36.913

 84, 98.145, 36.913

 24, 98.145, 36.913

 94, 98.145, 36.913


 14, 98.145, 36.913

 4, 98.145, 36.913

 0, 98.145, 36.913

 54, 98.145, 36.913

 54, 98.145, 36.913

 53, 103.583,
39.304

 56, 88.861, 33.137

 59, 77.894, 29.382

63, 66.154, 26.183

68, 54.165, 23.635

73, 42.329, 21.659

79, 30.943, 20.136

86, 20.190, 18.953

93, 10.149, 18.008

99, 0.830, 16.559

Harmonies

Complementary

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



54, 98.145, 36.913



91, 50.454, 192.825

Rectangle

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



54, 98.145, 36.913



54, 98.145, 86.913



54, 98.145, 216.913



54, 98.145, 266.913

Sweetspot

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



54, 98.126, 36.914



82, 26.640, 19.637



60, 113.830, 326.939



41, 18.171, 20.068



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, 98.126, 36.914



53, 103.583, 39.304



68, 81.849, 59.612



49, 5.253, 17.886



40, 83.101, 39.010



10, 33.157, 26.162

Inverse Universe

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



54, 98.126, 36.914



53, 103.583, 39.304



60, 62.790, 277.273



49, 5.253, 17.886



40, 83.101, 39.010



10, 33.157, 26.162

Previews

White Background



This preview shows how the CIELCh color 54, 98.145, 36.913 looks on a white background.

Color Contrast Check

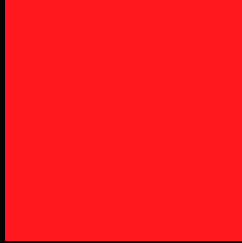
Large Text (above 18pt) WCAG AA ✓ Pass

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, 98.145, 36.913 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, 98.145, 36.913

Background



This preview shows how black text looks on a background with the CIELCh color 54, 98.145, 36.913.



This preview shows how white text looks on a background with the CIELCh color 54, 98.145, 36.913.

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, 98.145, 36.913

Protanopia

54, 43.771, 95.502

Deuteranopia

54, 60.295, 83.616



Tritanopia
54, 101.026, 39.417

Trichromacy



Original Color
54, 98.145, 36.913

Protanomaly
49, 55.883, 51.642

Deuteranomaly
50, 70.255, 54.657

Tritanomaly
54, 100.216, 38.691

Monochromacy



Original Color
54, 98.145, 36.913

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 38.834, 24.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 98.145, 36.913 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, 23, 29)` looks like.

```
.text, #text, p{  
    color:rgb(255, 23, 29)  
}
```

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, 23, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 23, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 98.145, 36.913 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, 23, 29) }
```

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

```
.border{ border-color:rgb(255, 23, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 23, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 23, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 23, 29);  
box-shadow:4px 4px 4px 4px rgb(255, 23,  
29) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 98.145, 36.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 23, 29) }
```

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

```
.background{ background-color: rgb(255, 23,  
29) }
```

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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