

Converting Colors

CIELCh(54, 98.383, 37.899)

Have a look what the booklet for
CIELCh(54, 98.383, 37.899) contains.

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Color

CIELCh(54, 98.376, 37.885)

Conversions

Conversions Part 1

Format	Color
Hex	FE1B19
RGB	254, 27, 25
RGB Percent	100%, 11%, 10%
CMY	0.0032, 0.8927, 0.9014
CMYK	0.00, 0.89, 0.90, 0.00
HSL	1°, 99%, 55%
HSV	1°, 90%, 100%
XYZ	41.5152, 21.9746, 2.9811
YIQ	94.6450, 135.9340, 47.5020

Conversions

Conversions Part 2

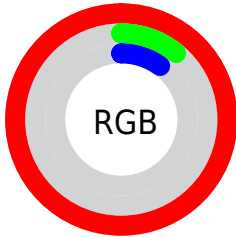
Format	Color
RYB	254, 27, 25
Decimal	16653081
CIELab	54.00, 77.64, 60.41
CIElCh	54, 98.376, 37.885
Yxy	21.9746, 0.6246, 0.3306
Android (android.graphics.Color)	4294843161 (0xFFFE1B19)
YUV	94.6450, -34.3350, 139.7543
Hunter-Lab	46.8770, 76.0481, 29.0435

Details

The CIELCh color **54, 98.376, 37.885** 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 **90, 48.708, 197.830**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 72.141, 38.696**, and **39, 82.832, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **53, 104.203, 40.068**, and if you desaturate by 10%, it is **56, 88.818, 34.579**.

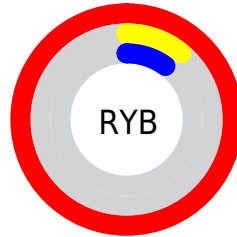
Distribution



Red (100%)

Green (11%)

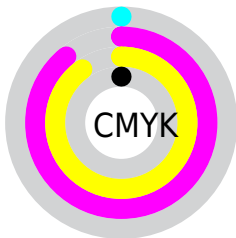
Blue (10%)



Red (100%)

Yellow (11%)

Blue (10%)

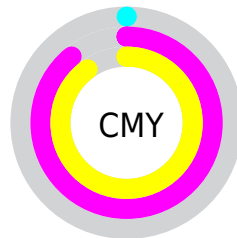


Cyan (0%)

Magenta (89%)

Yellow (90%)

Black (0%)



Cyan (0%)

Magenta (89%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 98.376, 37.885 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, 98.376, 37.885 by changing the saturation by 10% instead.

 54, 98.376, 37.885

 54, 98.376, 37.885

 100, 98.376,
37.885

 44, 98.376, 37.885

 74, 98.376, 37.885

 34, 98.376, 37.885

 84, 98.376, 37.885

 24, 98.376, 37.885

 94, 98.376, 37.885


 14, 98.376, 37.885

 4, 98.376, 37.885

 0, 98.376, 37.885

 54, 98.376, 37.885

 54, 98.376, 37.885

 53, 104.203,
40.068

 56, 88.818, 34.579

 59, 77.409, 31.157

63, 65.305, 28.209

68, 53.095, 25.860

74, 41.174, 24.048

80, 29.810, 22.666

86, 19.151, 21.609

93, 9.250, 20.775

100, 0.098, 13.450

Harmonies

Complementary

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



54, 98.376, 37.885



90, 48.708, 197.830

Rectangle

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



54, 98.376, 37.885



54, 98.376, 87.885



54, 98.376, 217.885



54, 98.376, 267.885

Sweetspot

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



54, 98.372, 37.887



82, 26.486, 22.308



61, 113.189, 328.170



41, 18.081, 22.704



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, 98.372, 37.887



53, 104.459, 40.068



69, 80.233, 62.594



50, 5.203, 20.729



40, 84.095, 40.098



10, 33.165, 27.649

Inverse Universe

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



90, 48.708, 197.830



90, 49.411, 197.930



58, 66.164, 280.490



52, 4.896, 199.812



70, 39.808, 197.903



23, 18.344, 197.718

Previews

White Background



This preview shows how the CIELCh color 54, 98.376, 37.885 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, 98.376, 37.885 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, 98.376, 37.885

Background



This preview shows how black text looks on a background with the CIELCh color 54, 98.376, 37.885.



This preview shows how white text looks on a background with the CIELCh color 54, 98.376, 37.885.

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, 98.376, 37.885

Protanopia

54, 45.580, 95.614

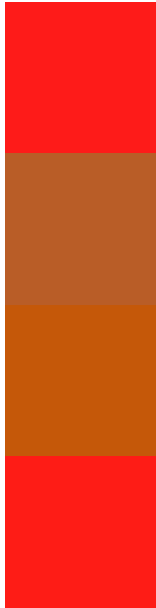
Deuteranopia

54, 60.295, 83.616



Tritanopia
54, 99.333, 38.776

Trichromacy



Original Color
54, 98.376, 37.885

Protanomaly
50, 56.982, 54.025

Deuteranomaly
51, 70.416, 55.263

Tritanomaly
54, 98.927, 38.461

Monochromacy



Original Color
54, 98.376, 37.885

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 38.569, 25.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 98.376, 37.885 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(254, 27, 25)` looks like.

```
.text, #text, p{  
  color:rgb(254, 27, 25)  
}
```

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(254, 27, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 27, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 98.376, 37.885 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(254, 27, 25) }
```

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

```
.border{ border-color:rgb(254, 27, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 27, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 27, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 27, 25);  
box-shadow:4px 4px 4px 4px rgb(254, 27,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 98.376, 37.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 27, 25) }
```

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

```
.background{ background-color: rgb(254, 27,  
25) }
```

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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