

Converting Colors

CIELCh(54, 73.108, 38.946)

Have a look what the booklet for
CIELCh(54, 73.108, 38.946) contains.

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Color

CIELCh(54, 73.176, 38.962)

Conversions

Conversions Part 1

Format	Color
Hex	E34D34
RGB	227, 77, 52
RGB Percent	89%, 30%, 20%
CMY	0.1086, 0.6970, 0.7952
CMYK	0.00, 0.66, 0.77, 0.11
HSL	9°, 76%, 55%
HSV	9°, 77%, 89%
XYZ	35.0706, 21.9746, 5.6678
YIQ	119.0000, 97.4250, 24.0250

Conversions

Conversions Part 2

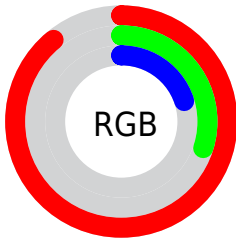
Format	Color
RYB	227, 81, 52
Decimal	14896436
CIELab	54.00, 56.90, 46.01
CIELCh	54, 73.176, 38.962
Yxy	21.9746, 0.5592, 0.3504
Android (android.graphics.Color)	4293086516 (0xFFE34D34)
YUV	119.0000, -33.0310, 94.7160
Hunter-Lab	46.8770, 51.5083, 25.6452

Details

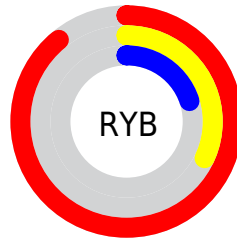
The CIELCh color **54, 73.176, 38.962** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **75, 37.901, 218.193**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 58.294, 41.615**, and **34, 73.271, 38.953** is the 20% darker color. If you saturate the color by 10%, you get **51, 83.447, 40.585**, and if you desaturate by 10%, it is **57, 62.157, 37.318**.

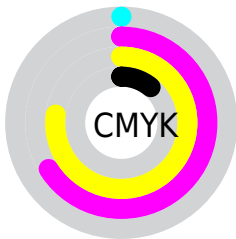
Distribution



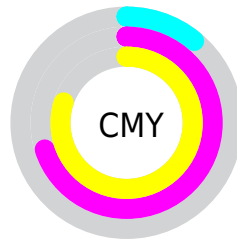
- Red (89%)
- Green (30%)
- Blue (20%)



- Red (89%)
- Yellow (32%)
- Blue (20%)



- Cyan (0%)
- Magenta (66%)
- Yellow (77%)
- Black (11%)



- Cyan (11%)
- Magenta (70%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 73.176, 38.962 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, 73.176, 38.962 by changing the saturation by 10% instead.

■ 54, 73.176, 38.962

■ 54, 73.176, 38.962

■ 100, 73.176,
38.962

■ 44, 73.176, 38.962

■ 74, 73.176, 38.962

■ 34, 73.176, 38.962

■ 84, 73.176, 38.962

■ 24, 73.176, 38.962

■ 94, 73.176, 38.962

■ 14, 73.176, 38.962

■ 4, 73.176, 38.962

■ 0, 73.176, 38.962

■ 54, 73.176, 38.962

■ 54, 73.176, 38.962

■ 51, 83.447, 40.585

■ 57, 62.157, 37.318

■ 49, 91.319, 41.477

■ 61, 51.201, 35.934

49, 93.266, 41.757

66, 40.678, 34.873

71, 30.766, 34.110

76, 21.540, 33.592

81, 13.011, 33.261

87, 5.149, 33.029

92, 2.095, 213.392

97, 8.650, 207.222

Harmonies

Complementary

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



54, 73.176, 38.962



75, 37.901, 218.193

Rectangle

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



54, 73.176, 38.962



54, 73.176, 88.962



54, 73.176, 218.962



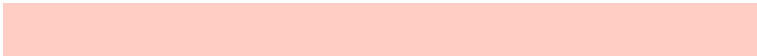
54, 73.176, 268.962

Sweetspot

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



54, 73.173, 38.965



86, 19.797, 33.445



55, 88.920, 332.991



44, 13.914, 33.582



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, 73.173, 38.965



56, 96.267, 41.222



71, 64.768, 77.344



45, 4.238, 33.088



38, 77.510, 42.048



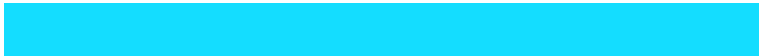
8, 24.526, 29.661

Inverse Universe

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



75, 37.901, 218.193



81, 43.304, 221.596



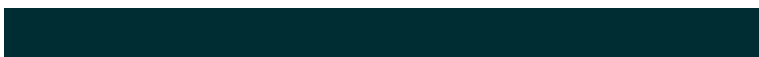
51, 64.854, 286.470



47, 3.987, 213.210



58, 33.404, 223.101



16, 14.141, 218.446

Previews

White Background



This preview shows how the CIELCh color 54, 73.176, 38.962 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, 73.176, 38.962 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, 73.176, 38.962

Background



This preview shows how black text looks on a background with the CIELCh color 54, 73.176, 38.962.



This preview shows how white text looks on a background with the CIELCh color 54, 73.176, 38.962.

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, 73.176, 38.962

Protanopia

54, 35.244, 96.052

Deuteranopia

54, 48.835, 81.884



Tritanopia
54, 67.515, 28.054

Trichromacy



Original Color
54, 73.176, 38.962

Protanomaly
53, 42.277, 61.421

Deuteranomaly
53, 53.754, 59.642

Tritanomaly
54, 69.368, 32.151

Monochromacy



Original Color
54, 73.176, 38.962

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 24.836, 34.210

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 73.176, 38.962 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(227, 77, 52)` looks like.

```
.text, #text, p{  
    color:rgb(227, 77, 52)  
}
```

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(227, 77, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 77, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 73.176, 38.962 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(227, 77, 52) }
```

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

```
.border{ border-color:rgb(227, 77, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 77, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 77, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 77, 52);  
box-shadow:4px 4px 4px 4px rgb(227, 77,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 73.176, 38.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 77, 52) }
```

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

```
.background{ background-color: rgb(227, 77,  
52) }
```

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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