

Converting Colors

CIELCh(54, 73.335, 38.523)

Have a look what the booklet for
CIELCh(54, 73.335, 38.523) contains.

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Color

CIELCh(54, 73.290, 38.615)

Conversions

Conversions Part 1

Format	Color
Hex	E44D35
RGB	228, 77, 53
RGB Percent	89%, 30%, 21%
CMY	0.1070, 0.6990, 0.7930
CMYK	0.00, 0.66, 0.77, 0.11
HSL	8°, 76%, 55%
HSV	8°, 77%, 89%
XYZ	35.1783, 21.9746, 5.7305
YIQ	119.4130, 97.7000, 24.5480

Conversions

Conversions Part 2

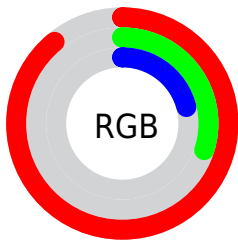
Format	Color
R_{YB}	228, 81, 53
Decimal	14961973
CIE _{Lab}	54.00, 57.27, 45.74
CIE _{LCh}	54, 73.290, 38.615
Yxy	21.9746, 0.5594, 0.3494
Android (android.graphics.Color)	4293152053 (0xFFE44D35)
YUV	119.4130, -32.7416, 95.2308
Hunter-Lab	46.8770, 51.9183, 25.5660

Details

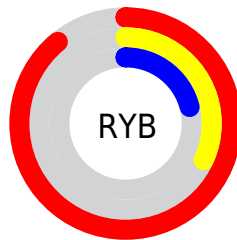
The CIELCh color **54, 73.290, 38.615** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **76, 38.036, 217.107**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 58.002, 41.188**, and **34, 73.470, 38.640** is the 20% darker color. If you saturate the color by 10%, you get **51, 83.595, 40.326**, and if you desaturate by 10%, it is **57, 62.243, 36.902**.

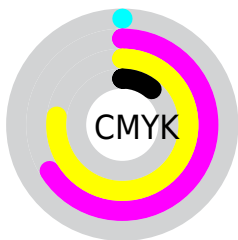
Distribution



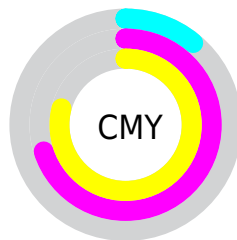
- Red (89%)
- Green (30%)
- Blue (21%)



- Red (89%)
- Yellow (32%)
- Blue (21%)



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



- Cyan (11%)
- Magenta (70%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 73.290, 38.615 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, 73.290, 38.615 by changing the saturation by 10% instead.

 54, 73.290, 38.615

 54, 73.290, 38.615

 100, 73.290,
38.615

 44, 73.290, 38.615

 74, 73.290, 38.615

 34, 73.290, 38.615

 84, 73.290, 38.615

 24, 73.290, 38.615

 94, 73.290, 38.615

 14, 73.290, 38.615

 4, 73.290, 38.615

 0, 73.290, 38.615

 54, 73.290, 38.615

 54, 73.290, 38.615

 51, 83.595, 40.326

 57, 62.243, 36.902

 49, 91.505, 41.315

 62, 51.257, 35.463

49, 93.570, 41.631

66, 40.697, 34.358

71, 30.747, 33.557

76, 21.483, 33.007

81, 12.917, 32.647

87, 5.022, 32.386

92, 2.254, 212.708

98, 8.822, 203.512

Harmonies

Complementary

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



54, 73.290, 38.615



76, 38.036, 217.107

Rectangle

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



54, 73.290, 38.615



54, 73.290, 88.615



54, 73.290, 218.615



54, 73.290, 268.615

Sweetspot

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



54, 73.287, 38.618



86, 19.888, 32.856



55, 88.925, 332.979



44, 13.977, 33.005



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, 73.287, 38.618



56, 96.494, 41.040



72, 64.713, 77.381



45, 4.257, 32.458



38, 77.664, 41.914



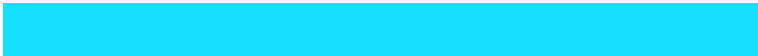
8, 24.627, 29.288

Inverse Universe

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



76, 38.036, 217.107



82, 43.403, 220.367



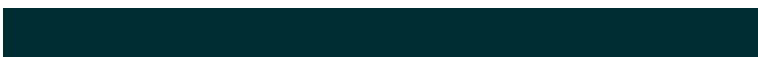
51, 64.760, 286.395



47, 4.005, 212.526



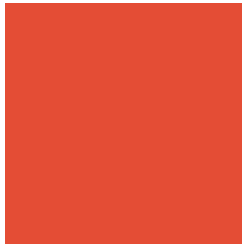
58, 33.465, 221.797



16, 14.182, 217.375

Previews

White Background



This preview shows how the CIELCh color 54, 73.290, 38.615 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, 73.290, 38.615 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, 73.290, 38.615

Background



This preview shows how black text looks on a background with the CIELCh color 54, 73.290, 38.615.



This preview shows how white text looks on a background with the CIELCh color 54, 73.290, 38.615.

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, 73.290, 38.615

Protanopia

54, 34.727, 95.985

Deuteranopia

54, 48.427, 81.757



Tritanopia
54, 67.914, 28.117

Trichromacy



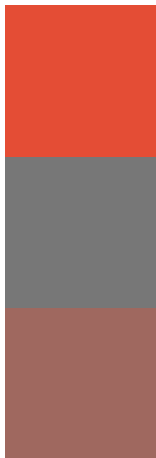
Original Color
54, 73.290, 38.615

Protanomaly
53, 41.857, 60.999

Deuteranomaly
53, 53.378, 59.350

Tritanomaly
54, 69.772, 32.183

Monochromacy



Original Color
54, 73.290, 38.615

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 25.282, 34.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 73.290, 38.615 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(228, 77, 53)` looks like.

```
.text, #text, p{  
    color:rgb(228, 77, 53)  
}
```

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(228, 77, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 77, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 73.290, 38.615 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(228, 77, 53) }
```

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

```
.border{ border-color:rgb(228, 77, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 77, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 77, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 77, 53);  
box-shadow:4px 4px 4px 4px rgb(228, 77,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 73.290, 38.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 77, 53) }
```

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

```
.background{ background-color: rgb(228, 77,  
53) }
```

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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