

Converting Colors

CIELCh(54, 88.392, 31.713)

Have a look what the booklet for
CIELCh(54, 88.392, 31.713) contains.

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Color

CIELCh(54, 88.392, 31.713)

Conversions

Conversions Part 1

Format	Color
Hex	FA2736
RGB	250, 39, 54
RGB Percent	98%, 15%, 21%
CMY	0.0205, 0.8483, 0.7889
CMYK	0.00, 0.85, 0.78, 0.02
HSL	356°, 95%, 57%
HSV	356°, 85%, 98%
XYZ	40.7165, 21.9746, 5.5657
YIQ	103.7990, 120.9410, 49.3970

Conversions

Conversions Part 2

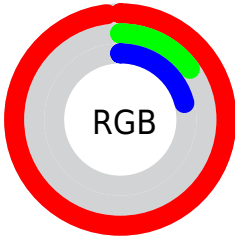
Format	Color
R_YB	250, 39, 54
Decimal	16394038
CIE Lab	54.00, 75.19, 46.46
CIE LCh	54, 88.392, 31.713
Yxy	21.9746, 0.5965, 0.3219
Android (android.graphics.Color)	4294584118 (0xFFFA2736)
YUV	103.7990, -24.5509, 128.2183
Hunter-Lab	46.8770, 73.0070, 25.7744

Details

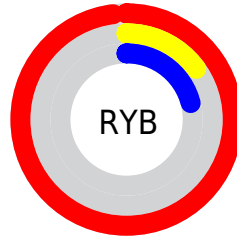
The CIELCh color **54, 88.392, 31.713** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **89, 50.626, 187.199**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 63.782, 30.169**, and **38, 79.537, 37.855** is the 20% darker color. If you saturate the color by 10%, you get **53, 96.596, 35.978**, and if you desaturate by 10%, it is **57, 78.595, 27.536**.

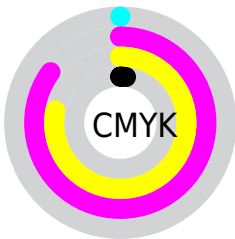
Distribution



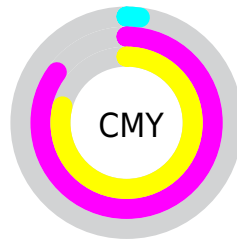
- Red (98%)
- Green (15%)
- Blue (21%)



- Red (98%)
- Yellow (15%)
- Blue (21%)



- Cyan (0%)
- Magenta (85%)
- Yellow (78%)
- Black (2%)



- Cyan (2%)
- Magenta (85%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 88.392, 31.713 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, 88.392, 31.713 by changing the saturation by 10% instead.

 54, 88.392, 31.713

 54, 88.392, 31.713

 100, 88.392,
31.713

 44, 88.392, 31.713

 74, 88.392, 31.713

 34, 88.392, 31.713

 84, 88.392, 31.713

 24, 88.392, 31.713

 94, 88.392, 31.713

 14, 88.392, 31.713

 4, 88.392, 31.713

 0, 88.392, 31.713

 54, 88.392, 31.713

 54, 88.392, 31.713

 53, 96.596, 35.978

 57, 78.595, 27.536

 52, 100.056,

 60, 67.873, 23.966

37.863

65, 56.640, 21.102

70, 45.293, 18.860

76, 34.172, 17.112

82, 23.515, 15.737

88, 13.454, 14.630

95, 4.038, 13.643

100, 1.817,
199.655

Harmonies

Complementary

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



54, 88.392, 31.713



89, 50.626, 187.199

Rectangle

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



54, 88.392, 31.713



54, 88.392, 81.713



54, 88.392, 211.713



54, 88.392, 261.713

Sweetspot

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



54, 88.389, 31.715



83, 24.435, 15.801



58, 109.557, 325.174



42, 16.862, 16.254



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, 88.389, 31.715



53, 101.692, 37.901



66, 76.927, 56.908



49, 5.182, 14.142



39, 80.409, 37.229



9, 31.694, 23.247

Inverse Universe

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



54, 88.389, 31.715



53, 101.692, 37.901



64, 52.816, 267.926



49, 5.182, 14.142



39, 80.409, 37.229



9, 31.694, 23.247

Previews

White Background



This preview shows how the CIELCh color 54, 88.392, 31.713 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, 88.392, 31.713 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, 88.392, 31.713

Background



This preview shows how black text looks on a background with the CIELCh color 54, 88.392, 31.713.



This preview shows how white text looks on a background with the CIELCh color 54, 88.392, 31.713.

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, 88.392, 31.713

Protanopia

54, 29.268, 96.788

Deuteranopia

54, 50.237, 81.748



Tritanopia
54, 91.665, 36.015

Trichromacy



Original Color
54, 88.392, 31.713

Protanomaly
50, 43.692, 44.013

Deuteranomaly
51, 59.461, 50.050

Tritanomaly
54, 90.493, 34.626

Monochromacy



Original Color
54, 88.392, 31.713

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 34.415, 19.025

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 88.392, 31.713 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(250, 39, 54)` looks like.

```
.text, #text, p{  
    color:rgb(250, 39, 54)  
}
```

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(250, 39, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 39, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 88.392, 31.713 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(250, 39, 54) }
```

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

```
.border{ border-color:rgb(250, 39, 54) }
```

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

Here you see how a box with a 4 pixel rgb(250, 39, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 39, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 39, 54);  
box-shadow:4px 4px 4px 4px rgb(250, 39,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 88.392, 31.713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 39, 54) }
```

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

```
.background{ background-color: rgb(250, 39,  
54) }
```

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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