

Converting Colors

CIELCh(54, 92.884, 36.991)

Have a look what the booklet for
CIELCh(54, 92.884, 36.991) contains.

CIELCh(54, 93.048, 36.981)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 93.048, 36.981)

Conversions

Conversions Part 1

Format	Color
Hex	FA2923
RGB	250, 41, 35
RGB Percent	98%, 16%, 14%
CMY	0.0204, 0.8402, 0.8633
CMYK	0.00, 0.84, 0.86, 0.02
HSL	2°, 95%, 56%
HSV	2°, 86%, 98%
XYZ	40.4371, 21.9746, 3.6891
YIQ	102.8070, 126.4900, 42.4420

Conversions

Conversions Part 2

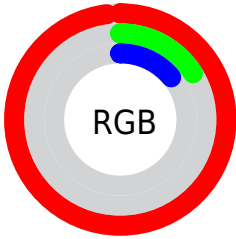
Format	Color
R _Y B	250, 41, 35
Decimal	16394531
CIE Lab	54.00, 74.33, 55.97
CIE LCh	54, 93.048, 36.981
Yxy	21.9746, 0.6117, 0.3324
Android (android.graphics.Color)	4294584611 (0xFFFA2923)
YUV	102.8070, -33.4289, 129.0883
Hunter-Lab	46.8770, 71.9428, 28.1480

Details

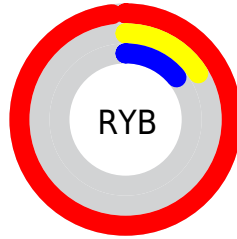
The CIELCh color **54, 93.048, 36.981** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **88, 46.565, 200.378**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 68.510, 37.956**, and **38, 81.836, 39.996** is the 20% darker color. If you saturate the color by 10%, you get **53, 100.598, 39.435**, and if you desaturate by 10%, it is **56, 82.488, 33.758**.

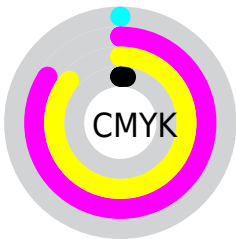
Distribution



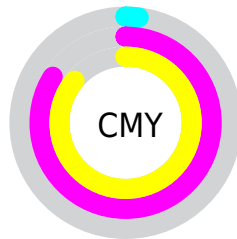
- Red (98%)
- Green (16%)
- Blue (14%)



- Red (98%)
- Yellow (16%)
- Blue (14%)



- Cyan (0%)
- Magenta (84%)
- Yellow (86%)
- Black (2%)



- Cyan (2%)
- Magenta (84%)
- Yellow (86%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 93.048, 36.981 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, 93.048, 36.981 by changing the saturation by 10% instead.

 54, 93.048, 36.981

 54, 93.048, 36.981

 100, 93.048,
36.981

 44, 93.048, 36.981

 74, 93.048, 36.981

 34, 93.048, 36.981

 84, 93.048, 36.981

 24, 93.048, 36.981

 94, 93.048, 36.981


 14, 93.048, 36.981

 4, 93.048, 36.981

 0, 93.048, 36.981

 54, 93.048, 36.981

 54, 93.048, 36.981

 53, 100.598,
39.435

 56, 82.488, 33.758

 60, 70.769, 30.716

52, 102.623,
40.198

64, 58.728, 28.193

70, 46.836, 26.216

75, 35.404, 24.704

81, 24.621, 23.557

88, 14.573, 22.679

94, 5.274, 21.951

100, 1.805,
199.658

Harmonies

Complementary

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



54, 93.048, 36.981



88, 46.565, 200.378

Rectangle

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



54, 93.048, 36.981



54, 93.048, 86.981



54, 93.048, 216.981



54, 93.048, 266.981

Sweetspot

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



54, 93.045, 36.983



83, 24.989, 23.555



60, 108.831, 328.728



42, 17.171, 23.918



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, 93.045, 36.983



53, 104.247, 40.192



70, 76.087, 65.005



49, 5.029, 22.201



39, 83.011, 40.281



9, 31.616, 27.533

Inverse Universe

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



88, 46.565, 200.378



89, 48.206, 200.874



58, 64.284, 280.299



51, 4.731, 201.406



68, 38.467, 200.790



22, 17.484, 200.214

Previews

White Background



This preview shows how the CIELCh color 54, 93.048, 36.981 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, 93.048, 36.981 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, 93.048, 36.981

Background



This preview shows how black text looks on a background with the CIELCh color 54, 93.048, 36.981.



This preview shows how white text looks on a background with the CIELCh color 54, 93.048, 36.981.

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, 93.048, 36.981

Protanopia

54, 41.328, 95.956

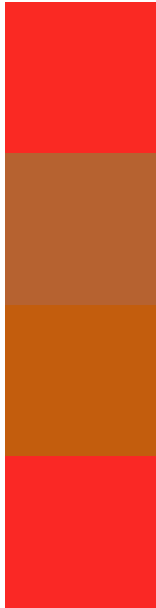
Deuteranopia

54, 60.295, 83.616



Tritanopia
54, 92.412, 36.177

Trichromacy



Original Color
54, 93.048, 36.981

Protanomaly
51, 51.878, 54.719

Deuteranomaly
51, 68.123, 57.236

Tritanomaly
54, 92.669, 36.414

Monochromacy



Original Color
54, 93.048, 36.981

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 34.996, 26.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 93.048, 36.981 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, 41, 35)` looks like.

```
.text, #text, p{  
    color:rgb(250, 41, 35)  
}
```

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, 41, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 41, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 93.048, 36.981 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, 41, 35) }
```

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

```
.border{ border-color:rgb(250, 41, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 41, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 41, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 41, 35);  
box-shadow:4px 4px 4px 4px rgb(250, 41,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 93.048, 36.981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 41, 35) }
```

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

```
.background{ background-color: rgb(250, 41,  
35) }
```

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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