

Converting Colors

CIELCh(54, 101.066, 38.290)

Have a look what the booklet for
CIELCh(54, 101.066, 38.290)
contains.

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Color

CIELCh(54, 100.531, 38.194)

Conversions

Conversions Part 1

Format	Color
Hex	FF1315
RGB	255, 19, 21
RGB Percent	100%, 7%, 8%
CMY	0.0000, 0.9237, 0.9185
CMYK	0.00, 0.92, 0.92, 0.00
HSL	360°, 100%, 54%
HSV	360°, 92%, 100%
XYZ	41.9655, 21.9746, 2.7288
YIQ	89.7920, 140.0140, 50.6540

Conversions

Conversions Part 2

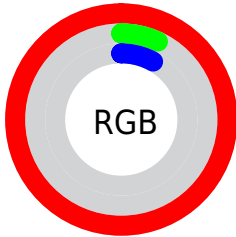
Format	Color
R_{YB}	255, 19, 21
Decimal	16716565
CIE _{Lab}	54.00, 79.01, 62.16
CIE _{LCh}	54, 100.531, 38.194
Yxy	21.9746, 0.6295, 0.3296
Android (android.graphics.Color)	4294906645 (0xFFFF1315)
YUV	89.7920, -33.9145, 144.8874
Hunter-Lab	46.8770, 77.7628, 29.3625

Details

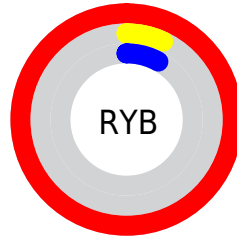
The CIELCh color **54, 100.531, 38.194** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **91, 49.864, 195.588**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 73.736, 39.375**, and **39, 83.161, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **53, 104.347, 39.842**, and if you desaturate by 10%, it is **55, 91.423, 34.825**.

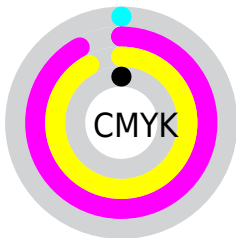
Distribution



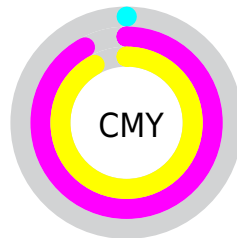
- Red (100%)
- Green (7%)
- Blue (8%)



- Red (100%)
- Yellow (7%)
- Blue (8%)



- Cyan (0%)
- Magenta (92%)
- Yellow (92%)
- Black (0%)




- Cyan (0%)
- Magenta (92%)
- Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 100.531, 38.194 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, 100.531, 38.194 by changing the saturation by 10% instead.


 54, 100.531,
38.194


 54, 100.531,
38.194


 100, 100.531,
38.194


 44, 100.531,
38.194


 74, 100.531,
38.194

 34, 100.531,
38.194

 84, 100.531,
38.194

 24, 100.531,
38.194

 94, 100.531,
38.194

 14, 100.531,
38.194

 4, 100.531, 38.194

 0, 100.531, 38.194

■ 54, 100.531,
38.194

■ 54, 100.531,
38.194

■ 53, 104.347,
39.842

■ 55, 91.423, 34.825

■ 58, 80.414, 31.173

■ 62, 68.490, 27.959

■ 67, 56.288, 25.371

■ 72, 44.242, 23.363

■ 78, 32.663, 21.826

■ 85, 21.741, 20.646

■ 92, 11.561, 19.720

■ 98, 2.132, 18.770

Harmonies

Complementary

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



54, 100.531, 38.194



91, 49.864, 195.588

Rectangle

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



54, 100.531, 38.194



54, 100.531, 88.194



54, 100.531, 218.194



54, 100.531, 268.194

Sweetspot

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



54, 100.210, 38.182



81, 27.800, 21.272



60, 114.183, 327.562



41, 19.500, 21.819



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, 100.210, 38.182



53, 104.347, 39.842



68, 82.277, 60.610



49, 5.253, 19.484



40, 83.967, 39.774



10, 33.320, 26.951

Inverse Universe

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



54, 100.210, 38.182



53, 104.347, 39.842



58, 65.829, 279.804



49, 5.253, 19.484



40, 83.967, 39.774



10, 33.320, 26.951

Previews

White Background



This preview shows how the CIELCh color 54, 100.531, 38.194 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 CIE LCh color 54, 100.531, 38.194 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, 100.531, 38.194

Background



This preview shows how black text looks on a background with the CIELCh color 54, 100.531, 38.194.



This preview shows how white text looks on a background with the CIELCh color 54, 100.531, 38.194.

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, 100.198, 38.128

Protanopia

54, 47.313, 95.700

Deuteranopia

54, 60.115, 84.041



Tritanopia
54, 103.275, 40.778

Trichromacy



Original Color
54, 100.198, 38.128



Protanomaly
49, 58.788, 53.585



Deuteranomaly
50, 70.763, 54.393



Tritanomaly
54, 102.161, 39.898

Monochromacy



Original Color
54, 100.198, 38.128



Achromatopsia
38, 0.005, 296.813



Achromatomaly
39, 40.212, 25.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 100.531, 38.194 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(255, 19, 21)` looks like.

```
.text, #text, p{  
    color:rgb(255, 19, 21)  
}
```

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(255, 19, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 19, 21) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 100.531, 38.194 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(255, 19, 21) }
```

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

```
.border{ border-color:rgb(255, 19, 21) }
```

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

Here you see how a box with a 4 pixel rgb(255, 19, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 19, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 19, 21);  
box-shadow:4px 4px 4px 4px rgb(255, 19,  
21) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 100.531, 38.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 19, 21) }
```

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

```
.background{ background-color: rgb(255, 19,  
21) }
```

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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