

Converting Colors

CIELCh(54, 96.480, 38.351)

Have a look what the booklet for
CIELCh(54, 96.480, 38.351) contains.

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Color

CIELCh(54, 96.534, 38.365)

Conversions

Conversions Part 1

Format	Color
Hex	FC241A
RGB	252, 36, 26
RGB Percent	99%, 14%, 10%
CMY	0.0126, 0.8599, 0.8987
CMYK	0.00, 0.86, 0.90, 0.01
HSL	3°, 97%, 54%
HSV	3°, 90%, 99%
XYZ	40.8773, 21.9746, 3.0551
YIQ	99.4440, 131.9460, 42.6820

Conversions

Conversions Part 2

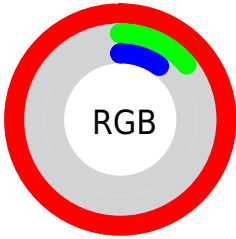
Format	Color
RYB	252, 36, 26
Decimal	16524314
CIELab	54.00, 75.69, 59.92
CIElCh	54, 96.534, 38.365
Yxy	21.9746, 0.6202, 0.3334
Android (android.graphics.Color)	4294714394 (0xFFFC241A)
YUV	99.4440, -36.2079, 133.7916
Hunter-Lab	46.8770, 73.6191, 28.9499

Details

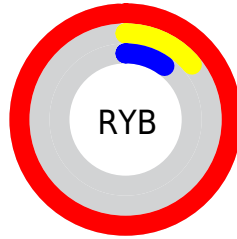
The CIELCh color **54, 96.534, 38.365** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **87, 46.316, 203.057**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 70.960, 39.729**, and **38, 82.169, 39.998** is the 20% darker color. If you saturate the color by 10%, you get **53, 102.913, 40.258**, and if you desaturate by 10%, it is **56, 86.574, 35.502**.

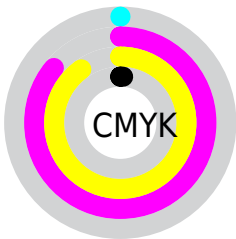
Distribution



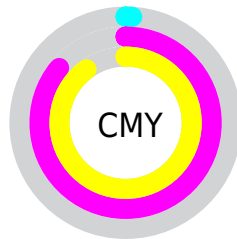
- Red (99%)
- Green (14%)
- Blue (10%)



- Red (99%)
- Yellow (14%)
- Blue (10%)



- Cyan (0%)
- Magenta (86%)
- Yellow (90%)
- Black (1%)



- Cyan (1%)
- Magenta (86%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 96.534, 38.365 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, 96.534, 38.365 by changing the saturation by 10% instead.

 54, 96.534, 38.365

 54, 96.534, 38.365

 100, 96.534,
38.365

 44, 96.534, 38.365

 74, 96.534, 38.365

 34, 96.534, 38.365

 84, 96.534, 38.365

 24, 96.534, 38.365

 94, 96.534, 38.365


 14, 96.534, 38.365

 4, 96.534, 38.365

 0, 96.534, 38.365

 54, 96.534, 38.365

 54, 96.534, 38.365

 53, 102.913,
40.258

 56, 86.574, 35.502

 59, 74.981, 32.536

53, 103.052,
40.312

64, 62.892, 29.982

69, 50.872, 27.948

74, 39.265, 26.385

80, 28.284, 25.203

86, 18.034, 24.311

93, 8.541, 23.616

99, 0.221, 206.191

Harmonies

Complementary

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



54, 96.534, 38.365



87, 46.316, 203.057

Rectangle

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



54, 96.534, 38.365



54, 96.534, 88.365



54, 96.534, 218.365



54, 96.534, 268.365

Sweetspot

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



54, 96.530, 38.367



83, 25.668, 24.936



60, 109.523, 329.437



42, 17.531, 25.275



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, 96.530, 38.367



53, 104.053, 40.308



70, 78.778, 65.586



49, 4.951, 23.601



40, 82.788, 40.448



9, 31.290, 28.364

Inverse Universe

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



87, 46.316, 203.057



88, 47.197, 203.724



56, 69.617, 283.555



51, 4.656, 202.920



67, 37.674, 203.583



22, 17.163, 202.624

Previews

White Background



This preview shows how the CIELCh color 54, 96.534, 38.365 looks on a white background.

Color Contrast Check

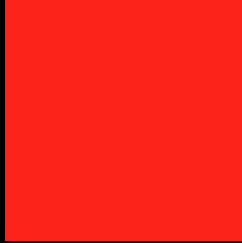
Large Text (above 18pt) WCAG AA ✓ Pass

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, 96.534, 38.365 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, 96.534, 38.365

Background



This preview shows how black text looks on a background with the CIELCh color 54, 96.534, 38.365.



This preview shows how white text looks on a background with the CIELCh color 54, 96.534, 38.365.

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, 96.534, 38.365

Protanopia

54, 46.021, 95.638

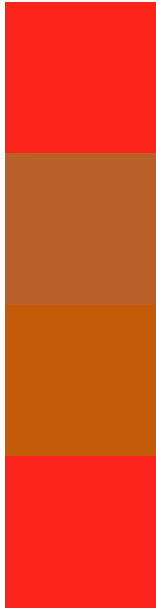
Deuteranopia

54, 60.295, 83.616



Tritanopia
54, 95.478, 37.304

Trichromacy



Original Color
54, 96.534, 38.365

Protanomaly
50, 56.186, 55.932

Deuteranomaly
51, 69.525, 56.640

Tritanomaly
54, 95.956, 37.708

Monochromacy



Original Color
54, 96.534, 38.365

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 37.031, 28.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 96.534, 38.365 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(252, 36, 26)` looks like.

```
.text, #text, p{  
    color:rgb(252, 36, 26)  
}
```

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(252, 36, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 36, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 96.534, 38.365 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(252, 36, 26) }
```

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

```
.border{ border-color:rgb(252, 36, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 36, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 36, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 36, 26);  
box-shadow:4px 4px 4px 4px rgb(252, 36,  
26) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 96.534, 38.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 36, 26) }
```

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

```
.background{ background-color: rgb(252, 36,  
26) }
```

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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