

Converting Colors

CIELCh(54, 96.142, 36.275)

Have a look what the booklet for
CIELCh(54, 96.142, 36.275) contains.

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Color

CIELCh(54, 96.164, 36.162)

Conversions

Conversions Part 1

Format	Color
Hex	FE1C22
RGB	254, 28, 34
RGB Percent	100%, 11%, 13%
CMY	0.0045, 0.8912, 0.8671
CMYK	0.00, 0.89, 0.87, 0.00
HSL	358°, 99%, 55%
HSV	358°, 89%, 100%
XYZ	41.5137, 21.9746, 3.5589
YIQ	96.2580, 132.7700, 49.7780

Conversions

Conversions Part 2

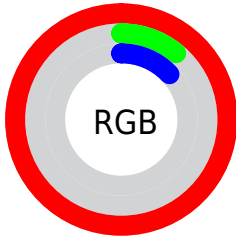
Format	Color
RYB	254, 28, 34
Decimal	16653346
CIELab	54.00, 77.64, 56.74
CIELCh	54, 96.164, 36.162
Yxy	21.9746, 0.6192, 0.3277
Android (android.graphics.Color)	4294843426 (0xFFFE1C22)
YUV	96.2580, -30.6932, 138.3397
Hunter-Lab	46.8770, 76.0424, 28.3127

Details

The CIELCh color **54, 96.164, 36.162** 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 **91, 50.132, 192.660**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 69.959, 36.545**, and **39, 82.832, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **53, 102.712, 39.080**, and if you desaturate by 10%, it is **56, 86.506, 32.298**.

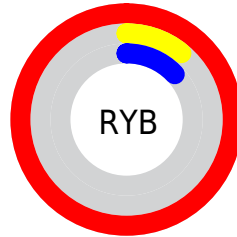
Distribution



Red (100%)

Green (11%)

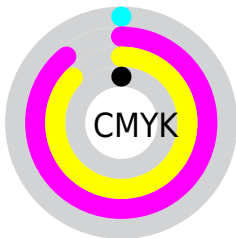
Blue (13%)



Red (100%)

Yellow (11%)

Blue (13%)

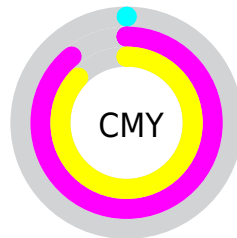


Cyan (0%)

Magenta (89%)

Yellow (87%)

Black (0%)



Cyan (0%)

Magenta (89%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 96.164, 36.162 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, 96.164, 36.162 by changing the saturation by 10% instead.

 54, 96.164, 36.162

 54, 96.164, 36.162

 100, 96.164,
36.162

 44, 96.164, 36.162

 74, 96.164, 36.162

 34, 96.164, 36.162

 84, 96.164, 36.162

 24, 96.164, 36.162

 94, 96.164, 36.162


 14, 96.164, 36.162

 4, 96.164, 36.162

 0, 96.164, 36.162

 54, 96.164, 36.162

 54, 96.164, 36.162

 53, 102.712,
39.080

 56, 86.506, 32.298

 59, 75.407, 28.617

53, 103.157,
39.254

63, 63.651, 25.536

68, 51.724, 23.099

74, 40.008, 21.214

80, 28.780, 19.760

87, 18.200, 18.626

93, 8.332, 17.707

100, 0.400,
201.036

Harmonies

Complementary

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



54, 96.164, 36.162



91, 50.132, 192.660

Rectangle

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



54, 96.164, 36.162



54, 96.164, 86.162



54, 96.164, 216.162



54, 96.164, 266.162

Sweetspot

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



54, 96.160, 36.164



82, 26.635, 19.503



60, 112.804, 326.939



41, 18.167, 19.936



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, 96.160, 36.164



53, 103.518, 39.258



68, 80.263, 60.054



49, 5.253, 17.745



40, 83.029, 38.945



10, 33.144, 26.092

Inverse Universe

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



54, 96.160, 36.164



53, 103.518, 39.258



60, 61.362, 276.376



49, 5.253, 17.745



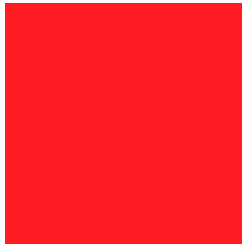
40, 83.029, 38.945



10, 33.144, 26.092

Previews

White Background



This preview shows how the CIELCh color 54, 96.164, 36.162 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, 96.164, 36.162 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, 96.164, 36.162

Background



This preview shows how black text looks on a background with the CIELCh color 54, 96.164, 36.162.



This preview shows how white text looks on a background with the CIELCh color 54, 96.164, 36.162.

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, 96.164, 36.162

Protanopia

54, 41.328, 95.956

Deuteranopia

54, 60.295, 83.616



Tritanopia
54, 98.832, 38.529

Trichromacy



Original Color
54, 96.164, 36.162

Protanomaly
50, 53.381, 51.199

Deuteranomaly
51, 69.896, 54.931

Tritanomaly
54, 97.967, 37.840

Monochromacy



Original Color
54, 96.164, 36.162

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 37.716, 23.906

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 96.164, 36.162 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(254, 28, 34)` looks like.

```
.text, #text, p{  
    color:rgb(254, 28, 34)  
}
```

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(254, 28, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 28, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 96.164, 36.162 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(254, 28, 34) }
```

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

```
.border{ border-color:rgb(254, 28, 34) }
```

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

Here you see how a box with a 4 pixel rgb(254, 28, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 28, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 28, 34);  
box-shadow:4px 4px 4px 4px rgb(254, 28,  
34) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 96.164, 36.162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 28, 34) }
```

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

```
.background{ background-color: rgb(254, 28,  
34) }
```

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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