

Converting Colors

CIELCh(54, 97.060, 36.718)

Have a look what the booklet for
CIELCh(54, 97.060, 36.718) contains.

CIELCh(54, 96.989, 36.733)	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, 96.989, 36.733)

Conversions

Conversions Part 1

Format	Color
Hex	FE1B1F
RGB	254, 27, 31
RGB Percent	100%, 11%, 12%
CMY	0.0036, 0.8934, 0.8782
CMYK	0.00, 0.89, 0.88, 0.00
HSL	359°, 99%, 55%
HSV	359°, 89%, 100%
XYZ	41.5438, 21.9746, 3.3519
YIQ	95.3290, 134.0080, 49.3680

Conversions

Conversions Part 2

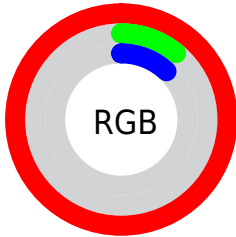
Format	Color
R_{YB}	254, 27, 31
Decimal	16653087
CIE _{Lab}	54.00, 77.73, 58.01
CIE _{LCh}	54, 96.989, 36.733
Yxy	21.9746, 0.6213, 0.3286
Android (android.graphics.Color)	4294843167 (0xFFFE1B1F)
YUV	95.3290, -31.7142, 139.1545
Hunter-Lab	46.8770, 76.1572, 28.5744

Details

The CIELCh color **54, 96.989, 36.733** 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, 49.823, 194.033**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 70.507, 37.276**, and **39, 82.832, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **53, 103.267, 39.392**, and if you desaturate by 10%, it is **56, 87.341, 33.004**.

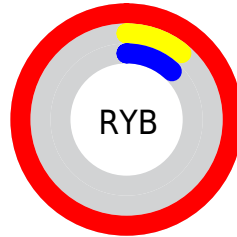
Distribution



Red (100%)

Green (11%)

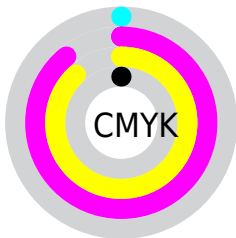
Blue (12%)



Red (100%)

Yellow (11%)

Blue (12%)

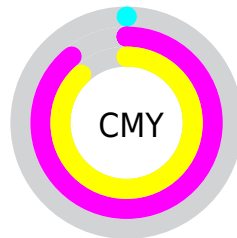


Cyan (0%)

Magenta (89%)

Yellow (88%)

Black (0%)



Cyan (0%)

Magenta (89%)

Yellow (88%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 96.989, 36.733 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, 96.989, 36.733 by changing the saturation by 10% instead.

 54, 96.989, 36.733

 54, 96.989, 36.733

 100, 96.989,
36.733

 44, 96.989, 36.733

 74, 96.989, 36.733

 34, 96.989, 36.733

 84, 96.989, 36.733

 24, 96.989, 36.733

 94, 96.989, 36.733


 14, 96.989, 36.733

 4, 96.989, 36.733

 0, 96.989, 36.733

 54, 96.989, 36.733

 54, 96.989, 36.733

 53, 103.267,
39.392

 56, 87.341, 33.004

 59, 76.130, 29.370

■ 53, 103.610,
39.527

■ 63, 64.247, 26.305

■ 68, 52.207, 23.877

■ 74, 40.400, 22.001

■ 80, 29.100, 20.559

■ 87, 18.467, 19.442

■ 93, 8.564, 18.542

100, 0.321,
201.448

Harmonies

Complementary

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



54, 96.989, 36.733



91, 49.823, 194.033

Rectangle

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



54, 96.989, 36.733



54, 96.989, 86.733



54, 96.989, 216.733



54, 96.989, 266.733

Sweetspot

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



54, 96.985, 36.735



82, 26.666, 20.277



60, 112.968, 326.940



41, 18.193, 20.702



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, 96.985, 36.735



53, 103.899, 39.529



68, 80.491, 59.999



49, 5.252, 18.559



40, 83.457, 39.328



10, 33.225, 26.495

Inverse Universe

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



54, 96.985, 36.735



53, 103.899, 39.529



60, 61.559, 276.492



49, 5.252, 18.559



40, 83.457, 39.328



10, 33.225, 26.495

Previews

White Background



This preview shows how the CIELCh color 54, 96.989, 36.733 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, 96.989, 36.733 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, 96.989, 36.733

Background



This preview shows how black text looks on a background with the CIELCh color 54, 96.989, 36.733.



This preview shows how white text looks on a background with the CIELCh color 54, 96.989, 36.733.

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, 96.989, 36.733

Protanopia

54, 42.755, 96.055

Deuteranopia

54, 60.295, 83.616



Tritanopia
54, 99.037, 38.689

Trichromacy



Original Color
54, 96.989, 36.733

Protanomaly
50, 54.458, 52.287

Deuteranomaly
51, 70.076, 55.047

Tritanomaly
54, 98.284, 37.952

Monochromacy



Original Color
54, 96.989, 36.733

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 38.237, 24.073

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 96.989, 36.733 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, 27, 31)` looks like.

```
.text, #text, p{  
    color:rgb(254, 27, 31)  
}
```

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, 27, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 27, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 96.989, 36.733 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, 27, 31) }
```

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

```
.border{ border-color:rgb(254, 27, 31) }
```

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

Here you see how a box with a 4 pixel rgb(254, 27, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 27, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 27, 31);  
box-shadow:4px 4px 4px 4px rgb(254, 27,  
31) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 96.989, 36.733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 27, 31) }
```

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

```
.background{ background-color: rgb(254, 27,  
31) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor