

Converting Colors

CIELCh(54, 92.102, 31.149)

Have a look what the booklet for
CIELCh(54, 92.102, 31.149) contains.

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Color

CIELCh(54, 92.021, 31.210)

Conversions

Conversions Part 1

Format	Color
Hex	FE1734
RGB	254, 23, 52
RGB Percent	100%, 9%, 20%
CMY	0.0033, 0.9084, 0.7957
CMYK	0.00, 0.91, 0.79, 0.00
HSL	353°, 99%, 54%
HSV	353°, 91%, 100%
XYZ	41.8643, 21.9746, 5.2961
YIQ	95.3750, 128.3670, 57.9910

Conversions

Conversions Part 2

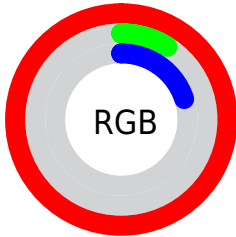
Format	Color
R_{YB}	254, 23, 52
Decimal	16652084
CIE _{Lab}	54.00, 78.70, 47.68
CIE _{LCh}	54, 92.021, 31.210
Yxy	21.9746, 0.6055, 0.3179
Android (android.graphics.Color)	4294842164 (0xFFFE1734)
YUV	95.3750, -21.3839, 139.1141
Hunter-Lab	46.8770, 77.3774, 26.1154

Details

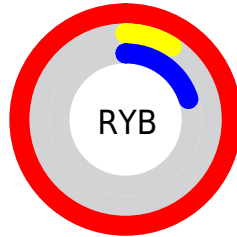
The CIELCh color **54, 92.021, 31.210** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **90, 55.264, 180.213**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 66.166, 28.559**, and **39, 80.985, 38.322** is the 20% darker color. If you saturate the color by 10%, you get **53, 98.480, 35.462**, and if you desaturate by 10%, it is **56, 83.630, 26.463**.

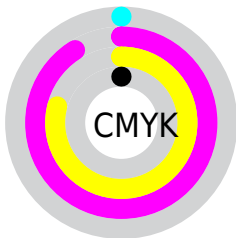
Distribution



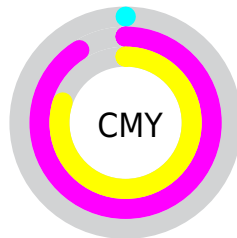
- Red (100%)
- Green (9%)
- Blue (20%)



- Red (100%)
- Yellow (9%)
- Blue (20%)



- Cyan (0%)
- Magenta (91%)
- Yellow (79%)
- Black (0%)



- Cyan (0%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 92.021, 31.210 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, 92.021, 31.210 by changing the saturation by 10% instead.

■ 54, 92.021, 31.210

■ 54, 92.021, 31.210

■ 100, 92.021,
31.210

■ 44, 92.021, 31.210

■ 74, 92.021, 31.210

■ 34, 92.021, 31.210

■ 84, 92.021, 31.210

■ 24, 92.021, 31.210

■ 94, 92.021, 31.210

■ 14, 92.021, 31.210

■ 4, 92.021, 31.210

■ 0, 92.021, 31.210

■ 54, 92.021, 31.210

■ 54, 92.021, 31.210

■ 53, 98.480, 35.462

■ 56, 83.630, 26.463

■ 59, 74.085, 22.310

63, 63.642, 18.930

68, 52.658, 16.261

73, 41.532, 14.167

79, 30.599, 12.511

86, 20.085, 11.177

92, 10.114, 10.068

99, 0.733, 8.371

Harmonies

Complementary

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



54, 92.021, 31.210



90, 55.264, 180.213

Rectangle

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



54, 92.021, 31.210



54, 92.021, 81.210



54, 92.021, 211.210



54, 92.021, 261.210

Sweetspot

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



54, 92.017, 31.212



82, 26.611, 11.971



56, 114.179, 323.325



41, 18.101, 12.454



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, 92.017, 31.212



53, 98.739, 35.471



63, 85.201, 52.176



50, 5.314, 9.934



40, 78.774, 34.627



10, 32.438, 22.092

Inverse Universe

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



54, 92.017, 31.212



53, 98.739, 35.471



66, 51.952, 263.830



50, 5.314, 9.934



40, 78.774, 34.627



10, 32.438, 22.092

Previews

White Background



This preview shows how the CIELCh color 54, 92.021, 31.210 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, 92.021, 31.210 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, 92.021, 31.210

Background



This preview shows how black text looks on a background with the CIELCh color 54, 92.021, 31.210.



This preview shows how white text looks on a background with the CIELCh color 54, 92.021, 31.210.

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, 92.021, 31.210

Protanopia

54, 29.356, 95.915

Deuteranopia

54, 51.744, 82.178



Tritanopia
54, 98.524, 38.434

Trichromacy



Original Color

54, 92.021, 31.210



Protanomaly

49, 46.190, 40.105



Deuteranomaly

50, 61.770, 48.466



Tritanomaly

54, 96.164, 36.162

Monochromacy



Original Color

54, 92.021, 31.210



Achromatopsia

41, 0.006, 296.813



Achromatomaly

41, 37.746, 17.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 92.021, 31.210 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, 23, 52)` looks like.

```
.text, #text, p{  
    color:rgb(254, 23, 52)  
}
```

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, 23, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 23, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 92.021, 31.210 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, 23, 52) }
```

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

```
.border{ border-color:rgb(254, 23, 52) }
```

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

Here you see how a box with a 4 pixel rgb(254, 23, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 23, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 23, 52);  
box-shadow:4px 4px 4px 4px rgb(254, 23,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 92.021, 31.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 23, 52) }
```

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

```
.background{ background-color: rgb(254, 23,  
52) }
```

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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