

Converting Colors

CIELCh(54, 81.800, 32.098)

Have a look what the booklet for
CIELCh(54, 81.800, 32.098) contains.

CIELCh(54, 81.651, 31.892)	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, 81.651, 31.892)

Conversions

Conversions Part 1

Format	Color
Hex	F2373B
RGB	242, 55, 59
RGB Percent	95%, 22%, 23%
CMY	0.0503, 0.7835, 0.7682
CMYK	0.00, 0.77, 0.76, 0.05
HSL	359°, 88%, 58%
HSV	359°, 77%, 95%
XYZ	38.8440, 21.9746, 6.3481
YIQ	111.3690, 110.1680, 40.8880

Conversions

Conversions Part 2

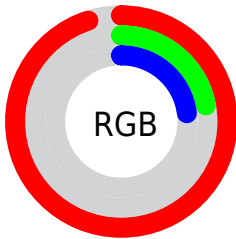
Format	Color
R_{YB}	242, 55, 59
Decimal	15873851
CIE _{Lab}	54.00, 69.33, 43.14
CIE _{LCh}	54, 81.651, 31.892
Yxy	21.9746, 0.5783, 0.3272
Android (android.graphics.Color)	4294063931 (0xFFFF2373B)
YUV	111.3690, -25.8179, 114.5634
Hunter-Lab	46.8770, 65.8768, 24.7848

Details

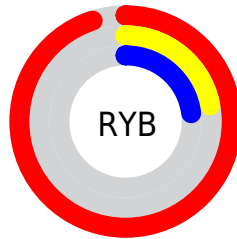
The CIELCh color **54, 81.651, 31.892** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **87, 46.058, 193.914**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 60.464, 31.051**, and **37, 75.956, 36.458** is the 20% darker color. If you saturate the color by 10%, you get **52, 91.368, 35.712**, and if you desaturate by 10%, it is **57, 70.710, 28.358**.

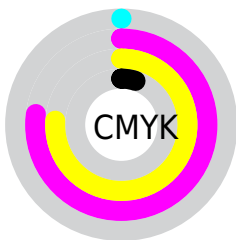
Distribution



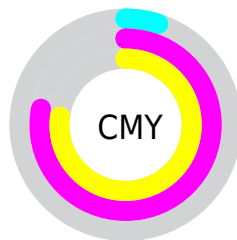
- Red (95%)
- Green (22%)
- Blue (23%)



- Red (95%)
- Yellow (22%)
- Blue (23%)



- Cyan (0%)
- Magenta (77%)
- Yellow (76%)
- Black (5%)



- Cyan (5%)
- Magenta (78%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 81.651, 31.892 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, 81.651, 31.892 by changing the saturation by 10% instead.

 54, 81.651, 31.892

 54, 81.651, 31.892

 100, 81.651,
31.892

 44, 81.651, 31.892

 74, 81.651, 31.892

 34, 81.651, 31.892

 84, 81.651, 31.892

 24, 81.651, 31.892

 94, 81.651, 31.892

 14, 81.651, 31.892

 4, 81.651, 31.892

 0, 81.651, 31.892

 54, 81.651, 31.892

 54, 81.651, 31.892

 52, 91.368, 35.712

 57, 70.710, 28.358

 51, 98.356, 38.828

 61, 59.254, 25.436

51, 99.722, 39.386

66, 47.731, 23.138

72, 36.489, 21.364

78, 25.767, 19.997

84, 15.698, 18.930

91, 6.327, 18.049

97, 2.359, 197.769

99, 4.425, 199.275

Harmonies

Complementary

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



54, 81.651, 31.892



87, 46.058, 193.914

Rectangle

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



54, 81.651, 31.892



54, 81.651, 81.892



54, 81.651, 211.892



54, 81.651, 261.892

Sweetspot

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



54, 81.648, 31.894



84, 22.372, 19.524



59, 102.480, 326.842



43, 15.693, 19.935



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, 81.648, 31.894



54, 99.898, 37.778



69, 67.584, 62.279



47, 4.991, 18.243



38, 80.753, 39.139



8, 29.723, 22.968

Inverse Universe

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



54, 81.648, 31.894



54, 99.898, 37.778



62, 51.807, 270.897



47, 4.991, 18.243



38, 80.753, 39.139



8, 29.723, 22.968

Previews

White Background



This preview shows how the CIELCh color 54, 81.651, 31.892 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, 81.651, 31.892 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, 81.651, 31.892

Background



This preview shows how black text looks on a background with the CIELCh color 54, 81.651, 31.892.



This preview shows how white text looks on a background with the CIELCh color 54, 81.651, 31.892.

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, 81.651, 31.892

Protanopia

54, 27.650, 96.472

Deuteranopia

54, 46.747, 81.201



Tritanopia
54, 81.982, 32.724

Trichromacy



Original Color
54, 81.651, 31.892

Protanomaly
51, 39.950, 47.008

Deuteranomaly
52, 54.412, 51.608

Tritanomaly
54, 81.724, 32.396

Monochromacy



Original Color
54, 81.651, 31.892

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 30.149, 21.457

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 81.651, 31.892 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(242, 55, 59)` looks like.

```
.text, #text, p{  
  color:rgb(242, 55, 59)  
}
```

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(242, 55, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 55, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 81.651, 31.892 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(242, 55, 59) }
```

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

```
.border{ border-color:rgb(242, 55, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 55, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 55, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 55, 59);  
box-shadow:4px 4px 4px 4px rgb(242, 55,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 81.651, 31.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 55, 59) }
```

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

```
.background{ background-color: rgb(242, 55,  
59) }
```

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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