

Converting Colors

CIELCh(54, 67.839, 28.027)

Have a look what the booklet for
CIELCh(54, 67.839, 28.027) contains.

CIELCh(54, 67.914, 28.117)	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, 67.914, 28.117)

Conversions

Conversions Part 1

Format	Color
Hex	E54A4E
RGB	229, 74, 78
RGB Percent	90%, 29%, 31%
CMY	0.1037, 0.7114, 0.6954
CMYK	0.00, 0.68, 0.66, 0.10
HSL	358°, 75%, 59%
HSV	358°, 68%, 90%
XYZ	35.9582, 21.9746, 9.4929
YIQ	120.8010, 91.0960, 34.1040

Conversions

Conversions Part 2

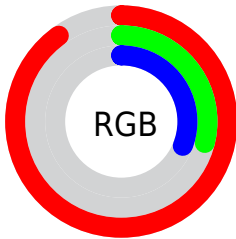
Format	Color
R_{YB}	229, 74, 78
Decimal	15026766
CIE Lab	54.00, 59.90, 32.01
CIE LCh	54, 67.914, 28.117
Yxy	21.9746, 0.5333, 0.3259
Android (android.graphics.Color)	4293216846 (0xFFE54A4E)
YUV	120.8010, -21.1009, 94.8905
Hunter-Lab	46.8770, 54.8881, 20.8073

Details

The CIELCh color **54, 67.914, 28.117** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **83, 41.586, 193.651**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 52.455, 27.228**, and **34, 66.906, 28.606** is the 20% darker color. If you saturate the color by 10%, you get **51, 78.255, 31.690**, and if you desaturate by 10%, it is **58, 57.051, 25.166**.

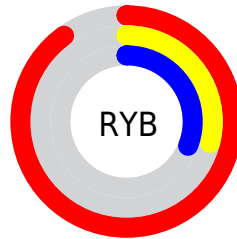
Distribution



Red (90%)

Green (29%)

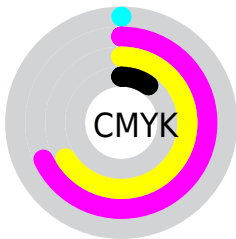
Blue (31%)



Red (90%)

Yellow (29%)

Blue (31%)

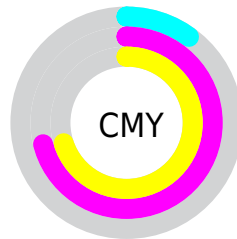


Cyan (0%)

Magenta (68%)

Yellow (66%)

Black (10%)



Cyan (10%)

Magenta (71%)

Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 67.914, 28.117 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, 67.914, 28.117 by changing the saturation by 10% instead.

 54, 67.914, 28.117

 54, 67.914, 28.117

 100, 67.914,
28.117

 44, 67.914, 28.117

 74, 67.914, 28.117

 34, 67.914, 28.117

 84, 67.914, 28.117

 24, 67.914, 28.117

 94, 67.914, 28.117

 14, 67.914, 28.117

 4, 67.914, 28.117

 0, 67.914, 28.117

 54, 67.914, 28.117

 54, 67.914, 28.117

 51, 78.255, 31.690

 58, 57.051, 25.166

 49, 87.442, 35.549

 63, 46.098, 22.839

48, 94.107, 38.718

68, 35.387, 21.040

48, 95.192, 39.177

74, 25.151, 19.648

80, 15.522, 18.560

86, 6.548, 17.665

92, 1.779, 197.430

98, 8.999, 198.910

Harmonies

Complementary

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



54, 67.914, 28.117



83, 41.586, 193.651

Rectangle

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



54, 67.914, 28.117



54, 67.914, 78.117



54, 67.914, 208.117



54, 67.914, 258.117

Sweetspot

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



54, 67.911, 28.120



86, 19.229, 18.791



58, 90.379, 326.646



44, 13.257, 19.089



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, 67.911, 28.120



56, 88.892, 33.115



68, 56.024, 63.622



45, 4.816, 17.808



37, 78.820, 38.891



6, 27.017, 20.677

Inverse Universe

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



54, 67.911, 28.120



56, 88.892, 33.115



62, 43.953, 267.002



45, 4.816, 17.808



37, 78.820, 38.891



6, 27.017, 20.677

Previews

White Background



This preview shows how the CIELCh color 54, 67.914, 28.117 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, 67.914, 28.117 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, 67.914, 28.117

Background



This preview shows how black text looks on a background with the CIELCh color 54, 67.914, 28.117.



This preview shows how white text looks on a background with the CIELCh color 54, 67.914, 28.117.

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, 67.914, 28.117

Protanopia

54, 17.600, 95.221

Deuteranopia

54, 35.362, 77.903



Tritanopia
54, 67.914, 28.117

Trichromacy



Original Color
54, 67.914, 28.117

Protanomaly
52, 30.374, 41.941

Deuteranomaly
53, 42.869, 48.402

Tritanomaly
54, 67.914, 28.117

Monochromacy



Original Color
54, 67.914, 28.117

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 24.230, 19.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 67.914, 28.117 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(229, 74, 78)` looks like.

```
.text, #text, p{  
    color:rgb(229, 74, 78)  
}
```

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(229, 74, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 74, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 67.914, 28.117 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(229, 74, 78) }
```

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

```
.border{ border-color:rgb(229, 74, 78) }
```

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

Here you see how a box with a 4 pixel rgb(229, 74, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 74, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 74, 78);  
box-shadow:4px 4px 4px 4px rgb(229, 74,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 67.914, 28.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 74, 78) }
```

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

```
.background{ background-color: rgb(229, 74,  
78) }
```

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