

Converting Colors

CIELCh(54, 65.896, 25.489)

Have a look what the booklet for
CIELCh(54, 65.896, 25.489) contains.

CIELCh(54, 65.639, 25.551)	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, 65.639, 25.551)

Conversions

Conversions Part 1

Format	Color
Hex	E34B54
RGB	227, 75, 84
RGB Percent	89%, 29%, 33%
CMY	0.1102, 0.7062, 0.6709
CMYK	0.00, 0.67, 0.63, 0.11
HSL	356°, 73%, 59%
HSV	356°, 67%, 89%
XYZ	35.7558, 21.9746, 10.7296
YIQ	121.4740, 87.7030, 35.0230

Conversions

Conversions Part 2

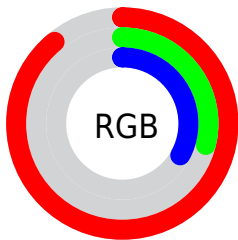
Format	Color
RYB	227, 75, 84
Decimal	14895956
CIELab	54.00, 59.22, 28.31
CIElCh	54, 65.639, 25.551
Yxy	21.9746, 0.5223, 0.3210
Android (android.graphics.Color)	4293086036 (0xFFE34B54)
YUV	121.4740, -18.4747, 92.5463
Hunter-Lab	46.8770, 54.1176, 19.2431

Details

The CIELCh color **54, 65.639, 25.551** 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, 41.911, 189.997**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 51.092, 23.715**, and **34, 65.306, 26.074** is the 20% darker color. If you saturate the color by 10%, you get **51, 75.570, 29.209**, and if you desaturate by 10%, it is **58, 55.179, 22.580**.

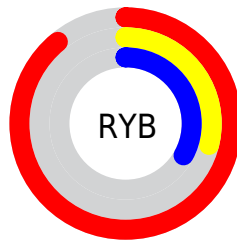
Distribution



Red (89%)

Green (29%)

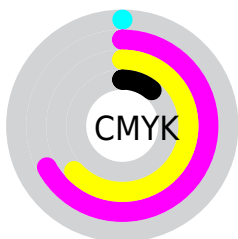
Blue (33%)



Red (89%)

Yellow (29%)

Blue (33%)

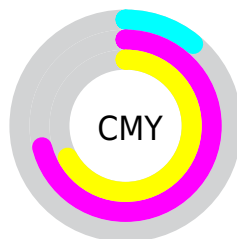


Cyan (0%)

Magenta (67%)

Yellow (63%)

Black (11%)



Cyan (11%)

Magenta (71%)

Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 65.639, 25.551 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, 65.639, 25.551 by changing the saturation by 10% instead.

 54, 65.639, 25.551

 54, 65.639, 25.551

 100, 65.639,
25.551

 44, 65.639, 25.551

 74, 65.639, 25.551

 34, 65.639, 25.551

 84, 65.639, 25.551

 24, 65.639, 25.551

 94, 65.639, 25.551

 14, 65.639, 25.551

 4, 65.639, 25.551

 0, 65.639, 25.551

 54, 65.639, 25.551

 54, 65.639, 25.551

 51, 75.570, 29.209

 58, 55.179, 22.580

 49, 84.537, 33.355

 63, 44.576, 20.243

48, 91.697, 37.277

68, 34.150, 18.423

47, 93.384, 38.137

74, 24.139, 16.999

80, 14.678, 15.866

86, 5.823, 14.910

92, 2.426, 194.534

98, 9.556, 197.933

98, 9.546, 198.872

Harmonies

Complementary

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



54, 65.639, 25.551



83, 41.911, 189.997

Rectangle

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



54, 65.639, 25.551



54, 65.639, 75.551



54, 65.639, 205.551



54, 65.639, 255.551

Sweetspot

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



54, 65.636, 25.554



86, 19.216, 16.197



57, 88.868, 325.558



44, 13.239, 16.514



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, 65.636, 25.554



56, 86.157, 30.641



66, 55.063, 60.620



44, 4.736, 15.140



36, 76.643, 37.550



6, 25.411, 18.447

Inverse Universe

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



54, 65.636, 25.554



56, 86.157, 30.641



64, 41.229, 262.511



44, 4.736, 15.140



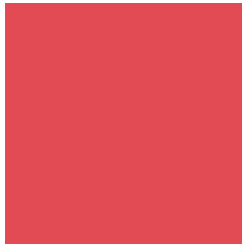
36, 76.643, 37.550



6, 25.411, 18.447

Previews

White Background



This preview shows how the CIELCh color 54, 65.639, 25.551 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, 65.639, 25.551 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, 65.639, 25.551

Background



This preview shows how black text looks on a background with the CIELCh color 54, 65.639, 25.551.



This preview shows how white text looks on a background with the CIELCh color 54, 65.639, 25.551.

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





Tritanopia
54, 66.165, 27.683

Trichromacy



Original Color
54, 65.639, 25.551

Protanomaly
52, 27.890, 34.184

Deuteranomaly
53, 39.447, 45.510

Tritanomaly
54, 65.958, 27.229

Monochromacy



Original Color
54, 65.639, 25.551

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 24.091, 17.058

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 65.639, 25.551 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(227, 75, 84)` looks like.

```
.text, #text, p{  
    color:rgb(227, 75, 84)  
}
```

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(227, 75, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 75, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 65.639, 25.551 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(227, 75, 84) }
```

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

```
.border{ border-color:rgb(227, 75, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 75, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 75, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 75, 84);  
box-shadow:4px 4px 4px 4px rgb(227, 75,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 65.639, 25.551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 75, 84) }
```

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

```
.background{ background-color: rgb(227, 75,  
84) }
```

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