

Converting Colors

CIELCh(54, 75.547, 25.863)

Have a look what the booklet for
CIELCh(54, 75.547, 25.863) contains.

CIELCh(54, 75.568, 25.784)	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, 75.568, 25.784)

Conversions

Conversions Part 1

Format	Color
Hex	EF3B4D
RGB	239, 59, 77
RGB Percent	94%, 23%, 30%
CMY	0.0633, 0.7691, 0.6984
CMYK	0.00, 0.75, 0.68, 0.06
HSL	354°, 85%, 58%
HSV	354°, 75%, 94%
XYZ	38.4431, 21.9746, 9.2180
YIQ	114.8720, 101.5020, 43.7580

Conversions

Conversions Part 2

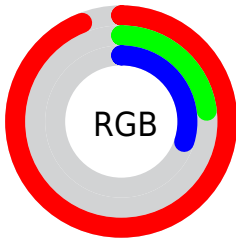
Format	Color
R_{YB}	239, 59, 77
Decimal	15678285
CIE _{Lab}	54.00, 68.04, 32.87
CIE _{LCh}	54, 75.568, 25.784
Yxy	21.9746, 0.5521, 0.3156
Android (android.graphics.Color)	4293868365 (0xFFEF3B4D)
YUV	114.8720, -18.6709, 108.8603
Hunter-Lab	46.8770, 64.3502, 21.1550

Details

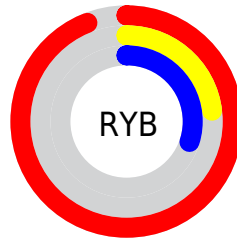
The CIELCh color **54, 75.568, 25.784** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **86, 47.829, 184.797**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 56.232, 22.728**, and **36, 70.453, 30.065** is the 20% darker color. If you saturate the color by 10%, you get **52, 84.552, 30.131**, and if you desaturate by 10%, it is **57, 65.647, 22.116**.

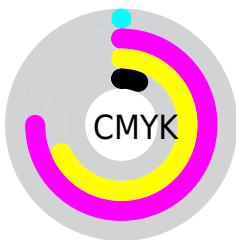
Distribution



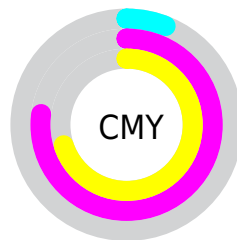
- Red (94%)
- Green (23%)
- Blue (30%)



- Red (94%)
- Yellow (23%)
- Blue (30%)



- Cyan (0%)
- Magenta (75%)
- Yellow (68%)
- Black (6%)



- Cyan (6%)
- Magenta (77%)
- Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 75.568, 25.784 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, 75.568, 25.784 by changing the saturation by 10% instead.

 54, 75.568, 25.784

 54, 75.568, 25.784

 100, 75.568,
25.784

 44, 75.568, 25.784

 74, 75.568, 25.784

 34, 75.568, 25.784

 84, 75.568, 25.784

 24, 75.568, 25.784

 94, 75.568, 25.784

 14, 75.568, 25.784

 4, 75.568, 25.784

 0, 75.568, 25.784

 54, 75.568, 25.784

 54, 75.568, 25.784

 52, 84.552, 30.131

 57, 65.647, 22.116

 50, 92.194, 34.713

 62, 55.133, 19.177

50, 95.177, 36.553

67, 44.399, 16.870

72, 33.784, 15.061

78, 23.538, 13.626

85, 13.809, 12.462

91, 4.659, 11.440

97, 3.903, 190.952

99, 5.548, 199.173

Harmonies

Complementary

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



54, 75.568, 25.784



86, 47.829, 184.797

Rectangle

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



54, 75.568, 25.784



54, 75.568, 75.784



54, 75.568, 205.784



54, 75.568, 255.784

Sweetspot

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



54, 75.565, 25.786



85, 22.358, 13.341



56, 99.864, 324.059



43, 15.648, 13.802



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, 75.565, 25.786



54, 93.047, 32.425



65, 66.401, 55.331



47, 5.027, 11.862



38, 77.457, 35.815



8, 29.349, 19.747

Inverse Universe

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



54, 75.565, 25.786



54, 93.047, 32.425



66, 44.183, 259.005



47, 5.027, 11.862



38, 77.457, 35.815



8, 29.349, 19.747

Previews

White Background



This preview shows how the CIELCh color 54, 75.568, 25.784 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, 75.568, 25.784 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, 75.568, 25.784

Background



This preview shows how black text looks on a background with the CIELCh color 54, 75.568, 25.784.



This preview shows how white text looks on a background with the CIELCh color 54, 75.568, 25.784.

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, 75.568, 25.784

Protanopia

54, 14.830, 93.316

Deuteranopia

54, 36.337, 78.504



Tritanopia
54, 77.955, 31.429

Trichromacy



Original Color
54, 75.568, 25.784

Protanomaly
51, 32.927, 32.164

Deuteranomaly
52, 45.797, 44.432

Tritanomaly
54, 76.946, 29.398

Monochromacy



Original Color
54, 75.568, 25.784

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 28.344, 16.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 75.568, 25.784 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(239, 59, 77)` looks like.

```
.text, #text, p{  
    color:rgb(239, 59, 77)  
}
```

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(239, 59, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 59, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 75.568, 25.784 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(239, 59, 77) }
```

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

```
.border{ border-color:rgb(239, 59, 77) }
```

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

Here you see how a box with a 4 pixel rgb(239, 59, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 59, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 59, 77);  
box-shadow:4px 4px 4px 4px rgb(239, 59,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 75.568, 25.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 59, 77) }
```

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

```
.background{ background-color: rgb(239, 59,  
77) }
```

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