

Converting Colors

CIELCh(54, 88.499, 25.587)

Have a look what the booklet for
CIELCh(54, 88.499, 25.587) contains.

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Color

CIELCh(54, 88.434, 25.533)

Conversions

Conversions Part 1

Format	Color
Hex	FE1245
RGB	254, 18, 69
RGB Percent	100%, 7%, 27%
CMY	0.0034, 0.9277, 0.7290
CMYK	0.00, 0.93, 0.73, 0.00
HSL	347°, 99%, 53%
HSV	347°, 93%, 100%
XYZ	42.2265, 21.9746, 7.6624
YIQ	94.3780, 124.2850, 65.8930

Conversions

Conversions Part 2

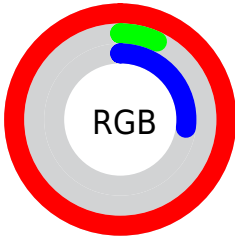
Format	Color
R_{YB}	254, 18, 69
Decimal	16650821
CIE _{Lab}	54.00, 79.80, 38.12
CIE _{LCh}	54, 88.434, 25.533
Yxy	21.9746, 0.5876, 0.3058
Android (android.graphics.Color)	4294840901 (0xFFFE1245)
YUV	94.3780, -12.5114, 139.9885
Hunter-Lab	46.8770, 78.7568, 23.1225

Details

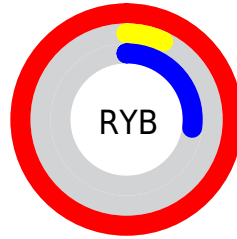
The CIELCh color **54, 88.434, 25.533** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **90, 61.836, 170.355**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 63.716, 20.356**, and **39, 77.035, 33.748** is the 20% darker color. If you saturate the color by 10%, you get **53, 92.723, 29.487**, and if you desaturate by 10%, it is **56, 81.777, 20.377**.

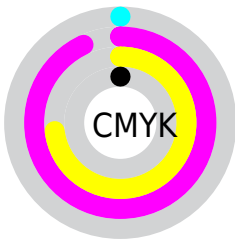
Distribution



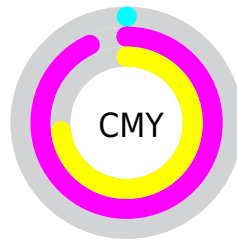
- Red (100%)
- Green (7%)
- Blue (27%)



- Red (100%)
- Yellow (7%)
- Blue (27%)



- Cyan (0%)
- Magenta (93%)
- Yellow (73%)
- Black (0%)



- Cyan (0%)
- Magenta (93%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 88.434, 25.533 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, 88.434, 25.533 by changing the saturation by 10% instead.

 54, 88.434, 25.533

 54, 88.434, 25.533

 100, 88.434,
25.533

 44, 88.434, 25.533

 74, 88.434, 25.533

 34, 88.434, 25.533

 84, 88.434, 25.533

 24, 88.434, 25.533

 94, 88.434, 25.533

 14, 88.434, 25.533

 4, 88.434, 25.533

 0, 88.434, 25.533

 54, 88.434, 25.533

 54, 88.434, 25.533

 53, 92.723, 29.487

 56, 81.777, 20.377

 59, 73.836, 16.041

62, 64.632, 12.568

67, 54.483, 9.832

72, 43.827, 7.669

78, 33.067, 5.934

85, 22.498, 4.513

91, 12.307, 3.316

98, 2.588, 2.134

Harmonies

Complementary

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



54, 88.434, 25.533



90, 61.836, 170.355

Rectangle

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



54, 88.434, 25.533



54, 88.434, 75.533



54, 88.434, 205.533



54, 88.434, 255.533

Sweetspot

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



54, 88.430, 25.535



82, 28.088, 5.227



52, 115.875, 320.373



41, 19.556, 5.868



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, 88.430, 25.535



54, 92.968, 29.498



60, 90.563, 46.929



50, 5.459, 2.958



40, 74.220, 28.454



10, 31.896, 17.964

Inverse Universe

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



54, 88.430, 25.535



54, 92.968, 29.498



72, 46.332, 250.395



50, 5.459, 2.958



40, 74.220, 28.454



10, 31.896, 17.964

Previews

White Background



This preview shows how the CIELCh color 54, 88.434, 25.533 looks on a white background.

Color Contrast Check

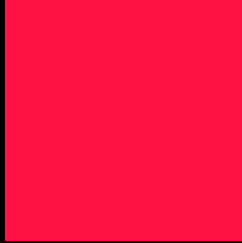
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 54, 88.434, 25.533 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, 88.434, 25.533

Background



This preview shows how black text looks on a background with the CIELCh color 54, 88.434, 25.533.



This preview shows how white text looks on a background with the CIELCh color 54, 88.434, 25.533.

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, 88.434, 25.533

Protanopia

54, 15.813, 95.713

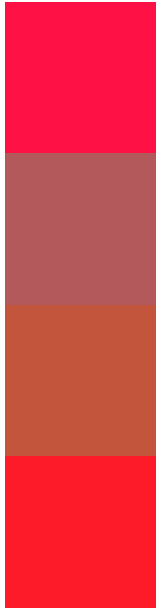
Deuteranopia

54, 42.048, 79.991



Tritanopia
54, 97.095, 37.862

Trichromacy



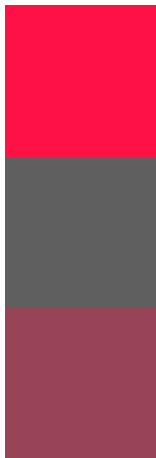
Original Color
54, 88.434, 25.533

Protanomaly
49, 40.416, 23.566

Deuteranomaly
50, 55.272, 39.797

Tritanomaly
54, 93.881, 34.157

Monochromacy



Original Color
54, 88.434, 25.533

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 38.439, 9.765

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 88.434, 25.533 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, 18, 69)` looks like.

```
.text, #text, p{  
    color:rgb(254, 18, 69)  
}
```

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, 18, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 18, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 88.434, 25.533 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, 18, 69) }
```

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

```
.border{ border-color:rgb(254, 18, 69) }
```

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

Here you see how a box with a 4 pixel rgb(254, 18, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 18, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 18, 69);  
box-shadow:4px 4px 4px 4px rgb(254, 18,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 88.434, 25.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 18, 69) }
```

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

```
.background{ background-color: rgb(254, 18,  
69) }
```

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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