

Converting Colors

CIELCh(54, 86.355, 19.624)

Have a look what the booklet for
CIELCh(54, 86.355, 19.624) contains.

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Color

CIELCh(54, 86.149, 19.401)

Conversions

Conversions Part 1

Format	Color
Hex	FE0955
RGB	254, 9, 85
RGB Percent	100%, 4%, 33%
CMY	0.0029, 0.9643, 0.6659
CMYK	0.00, 0.96, 0.66, 0.00
HSL	341°, 99%, 52%
HSV	341°, 96%, 100%
XYZ	42.7131, 21.9746, 10.6234
YIQ	90.9190, 121.6240, 75.5760

Conversions

Conversions Part 2

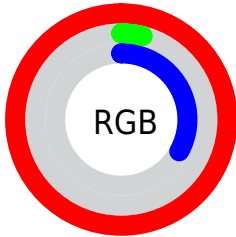
Format	Color
R_YB	254, 9, 85
Decimal	16648533
CIE _{Lab}	54.00, 81.26, 28.62
CIE _{LCh}	54, 86.149, 19.401
Yxy	21.9746, 0.5672, 0.2918
Android (android.graphics.Color)	4294838613 (0xFFFE0955)
YUV	90.9190, -2.9181, 143.0220
Hunter-Lab	46.8770, 80.6097, 19.3774

Details

The CIELCh color **54, 86.149, 19.401** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **89, 70.750, 161.360**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 62.854, 11.640**, and **40, 73.445, 28.251** is the 20% darker color. If you saturate the color by 10%, you get **54, 87.628, 21.399**, and if you desaturate by 10%, it is **55, 81.684, 14.083**.

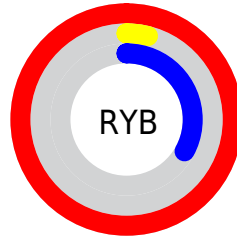
Distribution



Red (100%)

Green (4%)

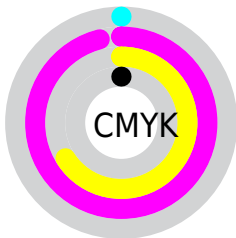
Blue (33%)



Red (100%)

Yellow (4%)

Blue (33%)

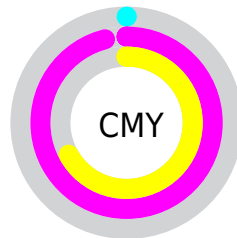


Cyan (0%)

Magenta (96%)

Yellow (66%)

Black (0%)



Cyan (0%)

Magenta (96%)

Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 86.149, 19.401 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, 86.149, 19.401 by changing the saturation by 10% instead.

 54, 86.149, 19.401

 54, 86.149, 19.401

 100, 86.149,
19.401

 44, 86.149, 19.401

 74, 86.149, 19.401

 34, 86.149, 19.401

 84, 86.149, 19.401

 24, 86.149, 19.401

 94, 86.149, 19.401

 14, 86.149, 19.401

 4, 86.149, 19.401

 0, 86.149, 19.401

 54, 86.149, 19.401

 54, 86.149, 19.401

 54, 87.628, 21.399

 55, 81.684, 14.083

 58, 75.681, 9.698

61, 67.958, 6.217

66, 58.780, 3.480

71, 48.622, 1.308

76, 37.972,
359.552

83, 27.221,
358.099

89, 16.636,
356.865

95, 6.380, 355.761

Harmonies

Complementary

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



54, 86.149, 19.401



89, 70.750, 161.360

Rectangle

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



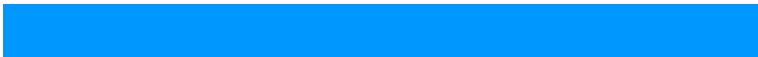
54, 86.149, 19.401



54, 86.149, 69.401



54, 86.149, 199.401



54, 86.149, 249.401

Sweetspot

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



54, 86.145, 19.403



81, 30.054, 358.450



48, 118.899, 316.904



41, 20.730, 359.065



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, 86.145, 19.403



54, 87.826, 21.408



56, 97.848, 42.553



50, 5.696, 356.098



40, 70.340, 20.319



10, 31.421, 12.014

Inverse Universe

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



54, 86.145, 19.403



54, 87.826, 21.408



78, 43.358, 231.409



50, 5.696, 356.098



40, 70.340, 20.319



10, 31.421, 12.014

Previews

White Background



This preview shows how the CIELCh color 54, 86.149, 19.401 looks on a white background.

Color Contrast Check

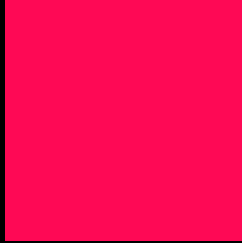
Large Text (above 18pt) WCAG AA ✓ Pass

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, 86.149, 19.401 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, 86.149, 19.401

Background



This preview shows how black text looks on a background with the CIELCh color 54, 86.149, 19.401.

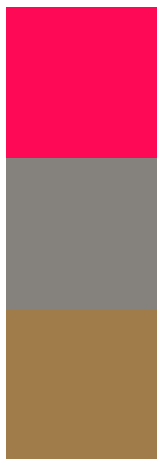


This preview shows how white text looks on a background with the CIELCh color 54, 86.149, 19.401.

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, 86.096, 19.434

Protanopia

54, 2.792, 74.620

Deuteranopia

54, 33.104, 77.281



Tritanopia
54, 95.827, 37.323

Trichromacy



Original Color
54, 86.096, 19.434



Protanomaly
48, 40.293, 4.263



Deuteranomaly
50, 51.149, 29.253



Tritanomaly
54, 91.664, 31.635

Monochromacy



Original Color
54, 86.096, 19.434



Achromatopsia
39, 0.005, 296.813



Achromatomaly
39, 40.227, 3.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 86.149, 19.401 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, 9, 85)` looks like.

```
.text, #text, p{  
    color:rgb(254, 9, 85)  
}
```

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, 9, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 9, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 86.149, 19.401 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, 9, 85) }
```

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

```
.border{ border-color:rgb(254, 9, 85) }
```

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

Here you see how a box with a 4 pixel rgb(254, 9, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 9, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 9, 85);  
box-shadow:4px 4px 4px 4px rgb(254, 9, 85)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 86.149, 19.401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 9, 85) }
```

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

```
.background{ background-color: rgb(254, 9,  
85) }
```

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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