

Converting Colors

CIELCh(61, 97.592, 23.919)

Have a look what the booklet for
CIELCh(61, 97.592, 23.919) contains.

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Color

CIELCh(54, 86.511, 19.972)

Conversions

Conversions Part 1

Format	Color
Hex	FE0854
RGB	254, 8, 84
RGB Percent	100%, 3%, 33%
CMY	0.0020, 0.9682, 0.6720
CMYK	0.00, 0.97, 0.67, 0.00
HSL	342°, 100%, 51%
HSV	342°, 97%, 100%
XYZ	42.7302, 21.9746, 10.3041
YIQ	90.2180, 122.2200, 75.7880

Conversions

Conversions Part 2

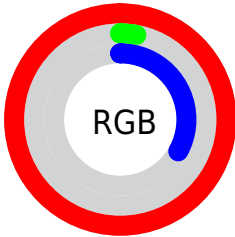
Format	Color
R_{YB}	254, 8, 84
Decimal	16648276
CIE _{Lab}	54.00, 81.31, 29.55
CIE _{LCh}	54, 86.511, 19.972
Yxy	21.9746, 0.5697, 0.2930
Android (android.graphics.Color)	4294838356 (0xFFFE0854)
YUV	90.2180, -3.0655, 143.6368
Hunter-Lab	46.8770, 80.6747, 19.7813

Details

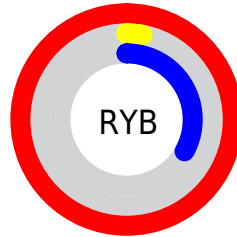
The CIELCh color **54, 86.511, 19.972** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **89, 70.597, 161.568**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 63.248, 11.865**, and **40, 73.695, 28.662** is the 20% darker color. If you saturate the color by 10%, you get **54, 87.861, 21.751**, and if you desaturate by 10%, it is **55, 82.017, 14.610**.

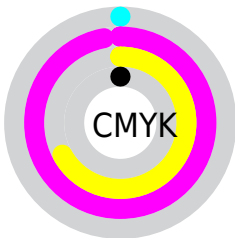
Distribution



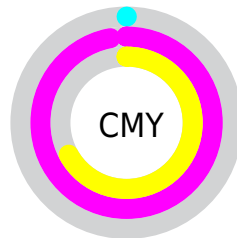
- Red (100%)
- Green (3%)
- Blue (33%)



- Red (100%)
- Yellow (3%)
- Blue (33%)



- Cyan (0%)
- Magenta (97%)
- Yellow (67%)
- Black (0%)



- Cyan (0%)
- Magenta (97%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 86.511, 19.972 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, 86.511, 19.972 by changing the saturation by 10% instead.

■ 54, 86.511, 19.972

■ 54, 86.511, 19.972

■ 100, 86.511,
19.972

■ 44, 86.511, 19.972

■ 74, 86.511, 19.972

■ 34, 86.511, 19.972

■ 84, 86.511, 19.972

■ 24, 86.511, 19.972

■ 94, 86.511, 19.972

■ 14, 86.511, 19.972

■ 4, 86.511, 19.972

■ 0, 86.511, 19.972

■ 54, 86.511, 19.972

■ 54, 86.511, 19.972

■ 54, 87.861, 21.751

■ 55, 82.017, 14.610

■ 58, 76.024, 10.169

61, 68.324, 6.639

65, 59.165, 3.863

71, 49.018, 1.662

76, 38.370,
359.885

82, 27.616,
358.417

89, 17.026,
357.174

95, 6.764, 356.066

Harmonies

Complementary

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



54, 86.511, 19.972



89, 70.597, 161.568

Rectangle

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



54, 86.511, 19.972



54, 86.511, 69.972



54, 86.511, 199.972



54, 86.511, 249.972

Sweetspot

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



54, 86.507, 19.974



81, 30.009, 358.717



48, 119.104, 316.876



41, 20.701, 359.334



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, 86.507, 19.974



54, 87.995, 21.757



56, 98.187, 42.544



50, 5.685, 356.360



40, 70.464, 20.668



10, 31.435, 12.287

Inverse Universe

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



54, 86.507, 19.974



54, 87.995, 21.757



78, 43.416, 231.553



50, 5.685, 356.360



40, 70.464, 20.668



10, 31.435, 12.287

Previews

White Background



This preview shows how the CIELCh color 54, 86.511, 19.972 looks on a white background.

Color Contrast Check

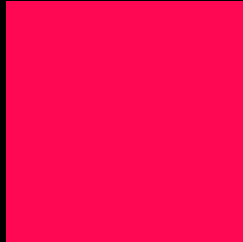
Large Text (above 18pt) WCAG AA ✓ Pass

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, 86.511, 19.972 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, 86.511, 19.972

Background



This preview shows how black text looks on a background with the CIELCh color 54, 86.511, 19.972.

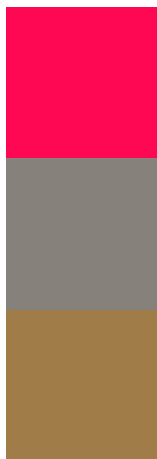


This preview shows how white text looks on a background with the CIELCh color 54, 86.511, 19.972.

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, 86.300, 19.773

Protanopia

55, 4.316, 87.590

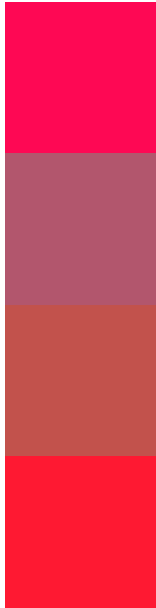
Deuteranopia

54, 34.087, 77.966



Tritanopia
54, 96.179, 37.441

Trichromacy



Original Color
54, 86.300, 19.773

Protanomaly
49, 40.057, 6.655

Deuteranomaly
50, 51.590, 30.427

Tritanomaly
54, 92.357, 31.913

Monochromacy



Original Color
54, 86.300, 19.773

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 40.620, 3.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 86.511, 19.972 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, 8, 84)` looks like.

```
.text, #text, p{  
    color:rgb(254, 8, 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(254, 8, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 8, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 86.511, 19.972 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, 8, 84) }
```

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

```
.border{ border-color:rgb(254, 8, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 8, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 8, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 8, 84);  
box-shadow:4px 4px 4px 4px rgb(254, 8, 84)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 86.511, 19.972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 8, 84) }
```

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

```
.background{ background-color: rgb(254, 8,  
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](#).

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