

Converting Colors

CIELCh(54, 84.774, 11.437)

Have a look what the booklet for
CIELCh(54, 84.774, 11.437) contains.

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Color

CIELCh(54, 84.529, 11.487)

Conversions

Conversions Part 1

Format	Color
Hex	FE0069
RGB	254, 0, 105
RGB Percent	100%, 0%, 41%
CMY	0.0055, 1.0000, 0.5894
CMYK	0.00, 1.00, 0.59, 0.01
HSL	335°, 100%, 50%
HSV	335°, 100%, 99%
XYZ	43.2435, 21.9746, 15.2463
YIQ	87.9160, 117.6790, 86.5030

Conversions

Conversions Part 2

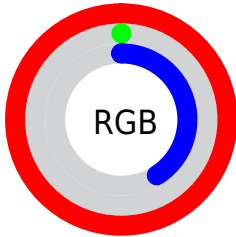
Format	Color
R _Y B	254, 0, 105
Decimal	16646249
CIE Lab	54.00, 82.84, 16.83
CIE LCh	54, 84.529, 11.487
Yxy	21.9746, 0.5374, 0.2731
Android (android.graphics.Color)	4294836329 (0xFFFE0069)
YUV	87.9160, 8.4224, 145.6557
Hunter-Lab	46.8770, 82.6293, 13.5304

Details

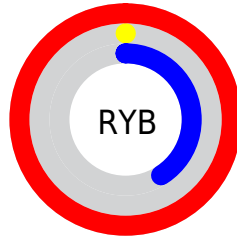
The CIELCh color **54, 84.529, 11.487** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **88, 81.378, 153.490**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 64.512, 0.333**, and **40, 69.648, 20.104** is the 20% darker color. If you saturate the color by 10%, you get **54, 84.435, 11.534**, and if you desaturate by 10%, it is **55, 82.061, 6.595**.

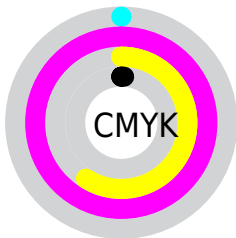
Distribution



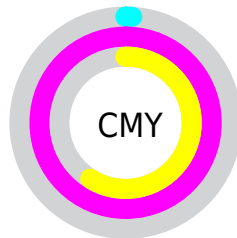
- Red (100%)
- Green (0%)
- Blue (41%)



- Red (100%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (1%)



- Cyan (1%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 84.529, 11.487 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, 84.529, 11.487 by changing the saturation by 10% instead.

 54, 84.529, 11.487

 54, 84.529, 11.487

 100, 84.529,
11.487

 44, 84.529, 11.487

 74, 84.529, 11.487

 34, 84.529, 11.487

 84, 84.529, 11.487

 24, 84.529, 11.487

 94, 84.529, 11.487

 14, 84.529, 11.487

 4, 84.529, 11.487

 0, 84.529, 11.487

 54, 84.529, 11.487

 54, 84.529, 11.487

 54, 84.435, 11.534

 55, 82.061, 6.595

 57, 78.018, 2.519

60, 71.807,
359.307

64, 63.632,
356.779

69, 53.992,
354.761

74, 43.448,
353.113

80, 32.481,
351.732

87, 21.446,
350.546

93, 10.576,
349.493

Harmonies

Complementary

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



54, 84.529, 11.487



88, 81.378, 153.490

Rectangle

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



54, 84.529, 11.487



54, 84.529, 61.487



54, 84.529, 191.487



54, 84.529, 241.487

Sweetspot

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



54, 84.435, 11.534



81, 32.626, 351.733



43, 122.274, 313.743



40, 22.310, 352.288



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, 84.435, 11.534



54, 84.791, 11.551



54, 102.978, 40.696



50, 6.035, 349.443



41, 68.186, 10.558



10, 31.330, 3.699

Inverse Universe

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



54, 84.435, 11.534



54, 84.791, 11.551



85, 45.007, 211.215



50, 6.035, 349.443



41, 68.186, 10.558



10, 31.330, 3.699

Previews

White Background



This preview shows how the CIELCh color 54, 84.529, 11.487 looks on a white background.

Color Contrast Check

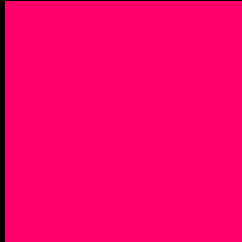
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.529, 11.487 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, 84.529, 11.487

Background



This preview shows how black text looks on a background with the CIELCh color 54, 84.529, 11.487.

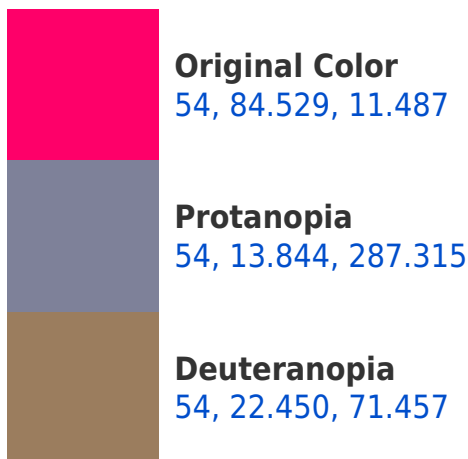


This preview shows how white text looks on a background with the CIELCh color 54, 84.529, 11.487.

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, 91.991, 35.933

Trichromacy



Original Color

54, 84.529, 11.487



Protanomaly

48, 44.985, 344.033



Deuteranomaly

49, 47.806, 15.009



Tritanomaly

54, 88.071, 27.591

Monochromacy



Original Color

54, 84.529, 11.487



Achromatopsia

37, 0.005, 296.813



Achromatomaly

38, 42.547, 356.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 84.529, 11.487 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, 0, 105)` looks like.

```
.text, #text, p{  
    color:rgb(254, 0, 105)  
}
```

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, 0, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 0, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 84.529, 11.487 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, 0, 105) }
```

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

```
.border{ border-color:rgb(254, 0, 105) }
```

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

Here you see how a box with a 4 pixel rgb(254, 0, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 0, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 0, 105);  
box-shadow:4px 4px 4px 4px rgb(254, 0,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 84.529, 11.487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 0, 105) }
```

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

```
.background{ background-color: rgb(254, 0,  
105) }
```

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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