

Converting Colors

CIELCh(54, 81.397, 0.247)

Have a look what the booklet for
CIELCh(54, 81.397, 0.247) contains.

CIELCh(54, 81.481, 0.133)	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, 81.481, 0.133)

Conversions

Conversions Part 1

Format	Color
Hex	F71584
RGB	247, 21, 132
RGB Percent	97%, 8%, 52%
CMY	0.0314, 0.9176, 0.4824
CMYK	0.00, 0.91, 0.47, 0.03
HSL	331°, 93%, 53%
HSV	331°, 91%, 97%
XYZ	42.7880, 21.9746, 23.8142
YIQ	101.2280, 99.0650, 82.4330

Conversions

Conversions Part 2

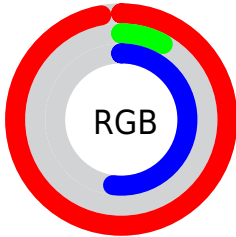
Format	Color
R_{YB}	247, 21, 132
Decimal	16192900
CIE _{Lab}	54.00, 81.48, 0.19
CIE _{LCh}	54, 81.481, 0.133
Yxy	21.9746, 0.4831, 0.2481
Android (android.graphics.Color)	4294382980 (0xFFFF71584)
YUV	101.2280, 15.1706, 127.8420
Hunter-Lab	46.8770, 80.8947, 2.6937

Details

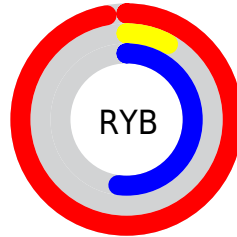
The CIELCh color **54, 81.481, 0.133** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **86, 82.560, 151.096**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 67.134, 348.200**, and **39, 66.069, 6.688** is the 20% darker color. If you saturate the color by 10%, you get **53, 82.530, 3.729**, and if you desaturate by 10%, it is **56, 78.512, 356.618**.

Distribution



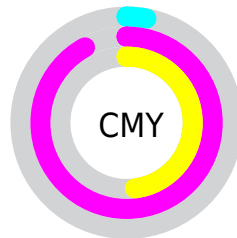
- Red (97%)
- Green (8%)
- Blue (52%)



- Red (97%)
- Yellow (8%)
- Blue (52%)



- Cyan (0%)
- Magenta (91%)
- Yellow (47%)
- Black (3%)



- Cyan (3%)
- Magenta (92%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 81.481, 0.133 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, 81.481, 0.133 by changing the saturation by 10% instead.

 54, 81.481, 0.133

 54, 81.481, 0.133

 100, 81.481, 0.133

 44, 81.481, 0.133

 74, 81.481, 0.133

 34, 81.481, 0.133

 84, 81.481, 0.133

 24, 81.481, 0.133

 94, 81.481, 0.133

 14, 81.481, 0.133


 4, 81.481, 0.133

 0, 81.481, 0.133

 54, 81.481, 0.133

 54, 81.481, 0.133

 53, 82.530, 3.729

 56, 78.512,
356.618

59, 73.138,
353.848

62, 65.555,
351.653

67, 56.272,
349.878

72, 45.872,
348.407

78, 34.874,
347.155

84, 23.669,
346.062

90, 12.525,
345.082

96, 1.608, 343.958

Harmonies

Complementary

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



54, 81.481, 0.133



86, 82.560, 151.096

Rectangle

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



54, 81.481, 0.133



54, 81.481, 50.133



54, 81.481, 180.133



54, 81.481, 230.133

Sweetspot

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



54, 81.477, 0.134



83, 30.633, 346.652



42, 118.135, 312.250



42, 20.671, 347.036



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, 81.477, 0.134



55, 84.542, 3.814



52, 97.366, 38.106



48, 6.136, 344.893



40, 66.811, 2.873



9, 30.176, 356.597

Inverse Universe

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



54, 81.477, 0.134



55, 84.542, 3.814



89, 48.401, 196.417



48, 6.136, 344.893



40, 66.811, 2.873



9, 30.176, 356.597

Previews

White Background



This preview shows how the CIELCh color 54, 81.481, 0.133 looks on a white background.

Color Contrast Check

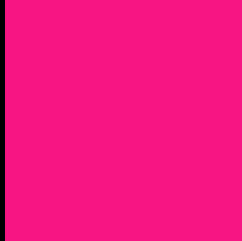
Large Text (above 18pt) WCAG AA ✓ Pass

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, 81.481, 0.133 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, 81.481, 0.133

Background



This preview shows how black text looks on a background with the CIELCh color 54, 81.481, 0.133.

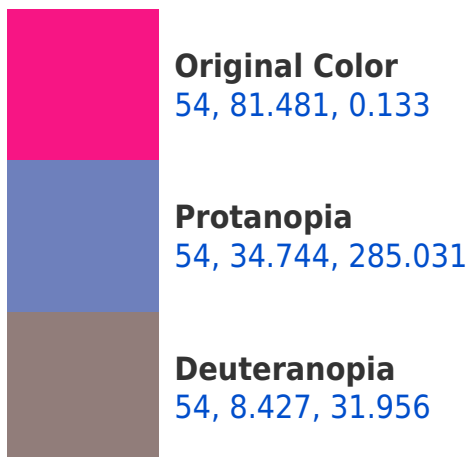


This preview shows how white text looks on a background with the CIELCh color 54, 81.481, 0.133.

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, 82.802, 32.919

Trichromacy



Original Color
54, 81.481, 0.133



Protanomaly
49, 51.489, 323.827



Deuteranomaly
50, 42.951, 355.131



Tritanomaly
54, 79.242, 21.003

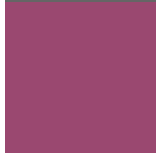
Monochromacy



Original Color
54, 81.481, 0.133



Achromatopsia
43, 0.006, 296.813



Achromatomaly
42, 39.553, 350.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 81.481, 0.133 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(247, 21, 132)` looks like.

```
.text, #text, p{  
    color:rgb(247, 21, 132)  
}
```

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(247, 21, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 21, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 81.481, 0.133 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(247, 21, 132) }
```

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

```
.border{ border-color:rgb(247, 21, 132) }
```

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

Here you see how a box with a 4 pixel rgb(247, 21, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 21, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 21, 132);  
box-shadow:4px 4px 4px 4px rgb(247, 21,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 81.481, 0.133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 21, 132) }
```

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

```
.background{ background-color: rgb(247, 21,  
132) }
```

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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