

Converting Colors

CIELCh(54, 83.783, 6.347)

Have a look what the booklet for
CIELCh(54, 83.783, 6.347) contains.

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Color

CIELCh(54, 83.669, 6.421)

Conversions

Conversions Part 1

Format	Color
Hex	FC0075
RGB	252, 0, 117
RGB Percent	99%, 0%, 46%
CMY	0.0118, 1.0000, 0.5412
CMYK	0.00, 1.00, 0.54, 0.01
HSL	332°, 100%, 49%
HSV	332°, 100%, 99%
XYZ	43.3476, 21.9746, 18.7818
YIQ	88.6860, 112.6350, 89.8110

Conversions

Conversions Part 2

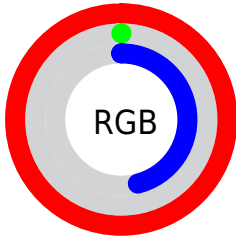
Format	Color
RYB	252, 0, 117
Decimal	16515189
CIELab	54.00, 83.14, 9.36
CIElCh	54, 83.669, 6.421
Yxy	21.9746, 0.5154, 0.2613
Android (android.graphics.Color)	4294705269 (0xFFFC0075)
YUV	88.6860, 13.9588, 143.2264
Hunter-Lab	46.8770, 83.0256, 9.0587

Details

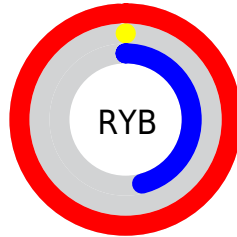
The CIELCh color **54, 83.669, 6.421** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **88, 85.795, 150.533**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 65.802, 354.507**, and **40, 67.971, 14.926** is the 20% darker color. If you saturate the color by 10%, you get **54, 83.665, 6.423**, and if you desaturate by 10%, it is **55, 82.011, 1.958**.

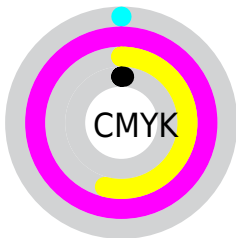
Distribution



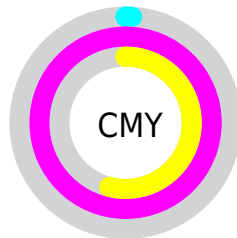
- Red (99%)
- Green (0%)
- Blue (46%)



- Red (99%)
- Yellow (0%)
- Blue (46%)



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (1%)



- Cyan (1%)
- Magenta (100%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 83.669, 6.421 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, 83.669, 6.421 by changing the saturation by 10% instead.

 54, 83.669, 6.421  54, 83.669, 6.421

 100, 83.669, 6.421  44, 83.669, 6.421


 74, 83.669, 6.421  34, 83.669, 6.421

 84, 83.669, 6.421  24, 83.669, 6.421

 94, 83.669, 6.421  14, 83.669, 6.421

 4, 83.669, 6.421

 0, 83.669, 6.421

 54, 83.669, 6.421  54, 83.669, 6.421

 54, 83.665, 6.423  55, 82.011, 1.958

 57, 78.464,

358.315

■ 60, 72.560,
355.448

■ 64, 64.544,
353.181

■ 69, 54.944,
351.354

■ 74, 44.339,
349.845

■ 80, 33.231,
348.564

■ 86, 21.991,
347.450

■ 92, 10.867,
346.451

Harmonies

Complementary

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



54, 83.669, 6.421



88, 85.795, 150.533

Rectangle

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



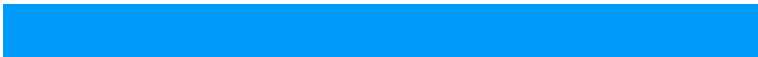
54, 83.669, 6.421



54, 83.669, 56.421



54, 83.669, 186.421



54, 83.669, 236.421

Sweetspot

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



54, 83.665, 6.423



81, 33.554, 348.566



41, 123.015, 312.466



40, 22.921, 349.083



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, 83.665, 6.423



55, 84.423, 6.456



53, 103.235, 40.237



49, 6.132, 346.402



40, 67.336, 5.504



10, 30.774, 359.080

Inverse Universe

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



54, 83.665, 6.423



55, 84.423, 6.456



88, 47.401, 201.887



49, 6.132, 346.402



40, 67.336, 5.504



10, 30.774, 359.080

Previews

White Background



This preview shows how the CIELCh color 54, 83.669, 6.421 looks on a white background.

Color Contrast Check

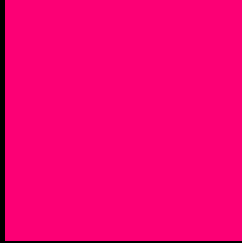
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83.669, 6.421 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, 83.669, 6.421

Background



This preview shows how black text looks on a background with the CIELCh color 54, 83.669, 6.421.



This preview shows how white text looks on a background with the CIELCh color 54, 83.669, 6.421.

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, 83.669, 6.421

Protanopia

55, 23.697, 285.581

Deuteranopia

54, 15.781, 63.431



Tritanopia
54, 88.983, 34.919

Trichromacy



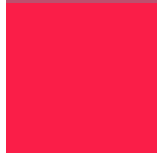
Original Color
54, 83.669, 6.421



Protanomaly
48, 49.637, 333.796



Deuteranomaly
49, 46.611, 5.943



Tritanomaly
54, 85.334, 24.881

Monochromacy



Original Color
54, 83.669, 6.421



Achromatopsia
38, 0.005, 296.813



Achromatomaly
38, 42.935, 353.224

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 83.669, 6.421 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(252, 0, 117)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 117)  
}
```

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(252, 0, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 83.669, 6.421 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(252, 0, 117) }
```

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

```
.border{ border-color:rgb(252, 0, 117) }
```

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

Here you see how a box with a 4 pixel rgb(252, 0, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 117);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 83.669, 6.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 117) }
```

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

```
.background{ background-color: rgb(252, 0,  
117) }
```

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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