

Converting Colors

CIELCh(53, 82.712, 2.816)

Have a look what the booklet for
CIELCh(53, 82.712, 2.816) contains.

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Color

CIELCh(53, 82.596, 3.059)

Conversions

Conversions Part 1

Format	Color
Hex	F6007B
RGB	246, 0, 123
RGB Percent	96%, 0%, 48%
CMY	0.0335, 1.0000, 0.5193
CMYK	0.00, 1.00, 0.50, 0.03
HSL	330°, 100%, 48%
HSV	330°, 100%, 97%
XYZ	41.6878, 21.0462, 20.4618
YIQ	87.5760, 107.1330, 90.4050

Conversions

Conversions Part 2

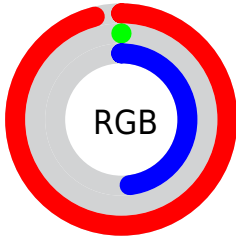
Format	Color
R_{YB}	246, 0, 123
Decimal	16121979
CIE _{Lab}	53.00, 82.48, 4.41
CIE _{LCh}	53, 82.596, 3.059
Yxy	21.0462, 0.5011, 0.2530
Android (android.graphics.Color)	4294312059 (0xFFFF6007B)
YUV	87.5760, 17.4640, 138.9378
Hunter-Lab	45.8761, 81.9205, 5.6685

Details

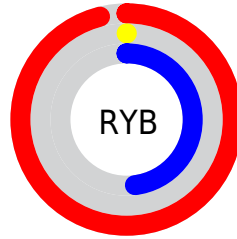
The CIELCh color **53, 82.596, 3.059** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **86, 87.337, 148.831**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 67.736, 351.594**, and **39, 65.996, 10.676** is the 20% darker color. If you saturate the color by 10%, you get **53, 82.451, 3.116**, and if you desaturate by 10%, it is **54, 81.165, 359.011**.

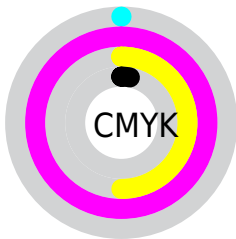
Distribution



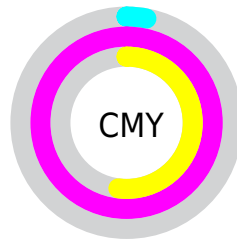
- Red (96%)
- Green (0%)
- Blue (48%)



- Red (96%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (3%)



- Cyan (3%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 82.596, 3.059 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 53, 82.596, 3.059 by changing the saturation by 10% instead.

 53, 82.596, 3.059

 53, 82.596, 3.059

 100, 82.596, 3.059

 43, 82.596, 3.059

 73, 82.596, 3.059

 33, 82.596, 3.059

 83, 82.596, 3.059

 23, 82.596, 3.059

 93, 82.596, 3.059

 13, 82.596, 3.059


 3, 82.596, 3.059

 0, 82.596, 3.059

 53, 82.596, 3.059

 53, 82.596, 3.059

 53, 82.451, 3.116

 54, 81.165,
359.011

56, 77.890,
355.673

59, 72.192,
353.043

63, 64.335,
350.952

68, 54.855,
349.253

73, 44.334,
347.837

78, 33.273,
346.624

84, 22.047,
345.560

91, 10.907,
344.599

Harmonies

Complementary

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



53, 82.596, 3.059



86, 87.337, 148.831

Rectangle

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



53, 82.596, 3.059



53, 82.596, 53.059



53, 82.596, 183.059



53, 82.596, 233.059

Sweetspot

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



53, 82.451, 3.116



81, 34.207, 346.630



39, 121.836, 311.695



40, 23.353, 347.122



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53, 82.451, 3.116



55, 84.600, 3.204



51, 101.907, 40.000



48, 6.161, 344.550



40, 66.869, 2.278



9, 30.232, 356.109

Inverse Universe

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



53, 82.451, 3.116



55, 84.600, 3.204



88, 48.837, 196.386



48, 6.161, 344.550



40, 66.869, 2.278



9, 30.232, 356.109

Previews

White Background



This preview shows how the CIELCh color 53, 82.596, 3.059 looks on a white background.

Color Contrast Check

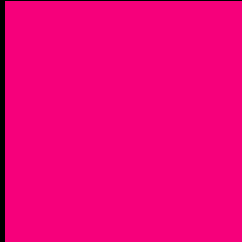
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 82.596, 3.059 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 53, 82.596, 3.059

Background



This preview shows how black text looks on a background with the CIELCh color 53, 82.596, 3.059.



This preview shows how white text looks on a background with the CIELCh color 53, 82.596, 3.059.

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

53, 82.366, 2.851

Protanopia

54, 29.595, 285.527

Deuteranopia

53, 11.685, 52.820



Tritanopia
53, 85.667, 34.136

Trichromacy



Original Color
53, 82.366, 2.851



Protanomaly
47, 52.315, 328.872



Deuteranomaly
48, 46.315, 359.615



Tritanomaly
53, 82.389, 22.836

Monochromacy



Original Color
53, 82.366, 2.851



Achromatopsia
37, 0.005, 296.813



Achromatomaly
38, 43.291, 350.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 82.596, 3.059 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(246, 0, 123)` looks like.

```
.text, #text, p{  
    color:rgb(246, 0, 123)  
}
```

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(246, 0, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 0, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 82.596, 3.059 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(246, 0, 123) }
```

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

```
.border{ border-color:rgb(246, 0, 123) }
```

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

Here you see how a box with a 4 pixel rgb(246, 0, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 0, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 0, 123);  
box-shadow:4px 4px 4px 4px rgb(246, 0,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 82.596, 3.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 0, 123) }
```

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

```
.background{ background-color: rgb(246, 0,  
123) }
```

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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