

Converting Colors

CIELCh(53, 82.926, 12.006)

Have a look what the booklet for
CIELCh(53, 82.926, 12.006) contains.

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Color

CIELCh(53, 82.849, 12.147)

Conversions

Conversions Part 1

Format	Color
Hex	F80565
RGB	248, 5, 101
RGB Percent	97%, 2%, 40%
CMY	0.0266, 0.9806, 0.6033
CMYK	0.00, 0.98, 0.59, 0.03
HSL	336°, 96%, 50%
HSV	336°, 98%, 97%
XYZ	41.2011, 21.0462, 14.2457
YIQ	88.6010, 114.0120, 81.3720

Conversions

Conversions Part 2

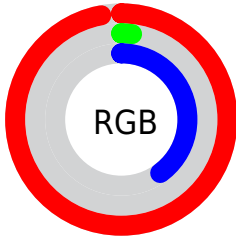
Format	Color
RYB	248, 5, 101
Decimal	16254309
CIELab	53.00, 80.99, 17.43
CIElCh	53, 82.849, 12.147
Yxy	21.0462, 0.5386, 0.2751
Android (android.graphics.Color)	4294444389 (0xFFFF80565)
YUV	88.6010, 6.1127, 139.7929
Hunter-Lab	45.8761, 80.0268, 13.7022

Details

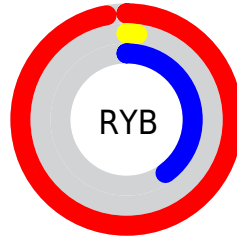
The CIELCh color **53, 82.849, 12.147** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **87, 77.583, 155.050**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 64.075, 2.731**, and **39, 68.653, 21.191** is the 20% darker color. If you saturate the color by 10%, you get **53, 83.357, 13.176**, and if you desaturate by 10%, it is **54, 80.055, 7.211**.

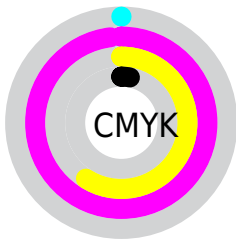
Distribution



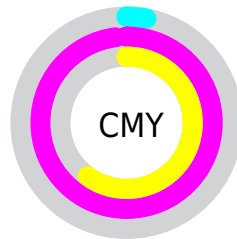
- Red (97%)
- Green (2%)
- Blue (40%)



- Red (97%)
- Yellow (2%)
- Blue (40%)



- Cyan (0%)
- Magenta (98%)
- Yellow (59%)
- Black (3%)



- Cyan (3%)
- Magenta (98%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 82.849, 12.147 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, 82.849, 12.147 by changing the saturation by 10% instead.

 53, 82.849, 12.147

 53, 82.849, 12.147

 100, 82.849,
12.147

 43, 82.849, 12.147

 73, 82.849, 12.147

 33, 82.849, 12.147

 83, 82.849, 12.147

 23, 82.849, 12.147

 93, 82.849, 12.147

 13, 82.849, 12.147

 3, 82.849, 12.147

 0, 82.849, 12.147

 53, 82.849, 12.147

 53, 82.849, 12.147

 53, 83.357, 13.176

 54, 80.055, 7.211

 56, 75.470, 3.204

60, 68.831, 0.048

64, 60.405,
357.562

69, 50.700,
355.574

74, 40.249,
353.948

80, 29.493,
352.583

86, 18.747,
351.409

92, 8.213, 350.357

Harmonies

Complementary

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



53, 82.849, 12.147



87, 77.583, 155.050

Rectangle

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



53, 82.849, 12.147



53, 82.849, 62.147



53, 82.849, 192.147



53, 82.849, 242.147

Sweetspot

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



53, 82.845, 12.149



81, 31.236, 352.714



43, 119.140, 314.353



41, 21.498, 353.279



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, 82.845, 12.149



54, 85.092, 13.261



53, 99.745, 40.667



49, 5.874, 350.511



40, 67.696, 12.189



10, 30.477, 4.786

Inverse Universe

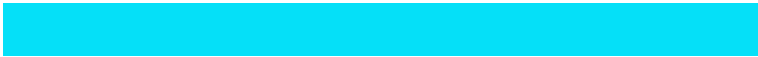
The Inverse Universe completely reimagines the original color for something new.



53, 82.845, 12.149



54, 85.092, 13.261



82, 43.633, 214.204



49, 5.874, 350.511



40, 67.696, 12.189



10, 30.477, 4.786

Previews

White Background



This preview shows how the CIELCh color 53, 82.849, 12.147 looks on a white background.

Color Contrast Check

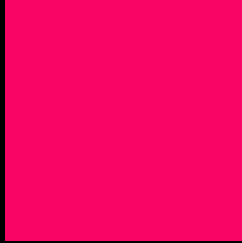
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82.849, 12.147 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, 82.849, 12.147

Background



This preview shows how black text looks on a background with the CIELCh color 53, 82.849, 12.147.



This preview shows how white text looks on a background with the CIELCh color 53, 82.849, 12.147.

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, 82.788, 12.179

Protanopia

54, 11.586, 286.096

Deuteranopia

53, 22.566, 71.368



Tritanopia
53, 90.587, 35.935

Trichromacy



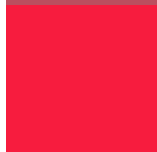
Original Color
53, 82.788, 12.179



Protanomaly
47, 42.207, 346.246



Deuteranomaly
48, 46.781, 15.960



Tritanomaly
53, 86.685, 27.909

Monochromacy



Original Color
53, 82.788, 12.179



Achromatopsia
38, 0.005, 296.813



Achromatomaly
38, 41.097, 357.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 82.849, 12.147 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(248, 5, 101)` looks like.

```
.text, #text, p{  
    color:rgb(248, 5, 101)  
}
```

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(248, 5, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 5, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 82.849, 12.147 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(248, 5, 101) }
```

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

```
.border{ border-color:rgb(248, 5, 101) }
```

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

Here you see how a box with a 4 pixel rgb(248, 5, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 5, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 5, 101);  
box-shadow:4px 4px 4px 4px rgb(248, 5,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 82.849, 12.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 5, 101) }
```

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

```
.background{ background-color: rgb(248, 5,  
101) }
```

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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