

Converting Colors

CIELCh(52, 81.428, 358.923)

Have a look what the booklet for
CIELCh(52, 81.428, 358.923)
contains.

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Color

CIELCh(52, 81.461, 358.822)

Conversions

Conversions Part 1

Format	Color
Hex	F00182
RGB	240, 1, 130
RGB Percent	94%, 0%, 51%
CMY	0.0590, 0.9966, 0.4904
CMYK	0.00, 1.00, 0.46, 0.06
HSL	328°, 99%, 47%
HSV	328°, 100%, 94%
XYZ	39.9529, 20.1443, 22.8872
YIQ	87.1670, 101.0350, 90.7870

Conversions

Conversions Part 2

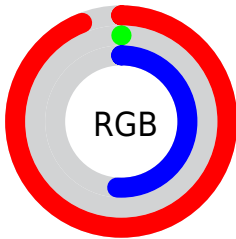
Format	Color
RYB	240, 1, 130
Decimal	15729026
CIELab	52.00, 81.44, -1.67
CIElCh	52, 81.461, 358.822
Yxy	20.1443, 0.4815, 0.2427
Android (android.graphics.Color)	4293919106 (0xFFFF00182)
YUV	87.1670, 21.1167, 134.0345
Hunter-Lab	44.8824, 80.3507, 1.1836

Details

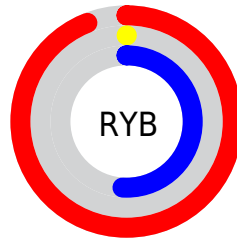
The CIELCh color **52, 81.461, 358.822** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **84, 89.090, 146.899**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 69.400, 348.301**, and **38, 64.200, 5.908** is the 20% darker color. If you saturate the color by 10%, you get **52, 81.483, 358.958**, and if you desaturate by 10%, it is **53, 80.484, 355.222**.

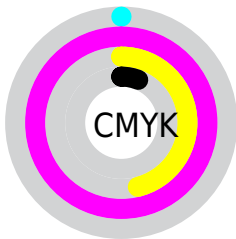
Distribution



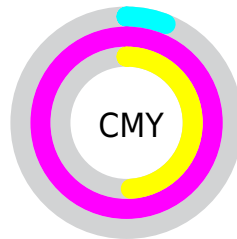
- Red (94%)
- Green (0%)
- Blue (51%)



- Red (94%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (46%)
- Black (6%)





- Cyan (6%)
- Magenta (100%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 81.461, 358.822 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 52, 81.461, 358.822 by changing the saturation by 10% instead.


 52, 81.461,
358.822


 52, 81.461,
358.822


 100, 81.461,
358.822


 42, 81.461,
358.822


 72, 81.461,
358.822

 32, 81.461,
358.822

 82, 81.461,
358.822

 22, 81.461,
358.822

 92, 81.461,
358.822

 12, 81.461,
358.822

 2, 81.461, 358.822

 0, 81.461, 358.822

■ 52, 81.461,
358.822

■ 52, 81.461,
358.822

■ 52, 81.483,
358.958

■ 53, 80.484,
355.222

■ 55, 77.372,
352.307

■ 58, 71.773,
349.998

■ 62, 63.987,
348.143

■ 66, 54.559,
346.616

■ 71, 44.070,
345.325

■ 77, 33.016,
344.204

■ 83, 21.770,

343.208

■ 89, 10.585,
342.298

Harmonies

Complementary

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



52, 81.461, 358.822



84, 89.090, 146.899

Rectangle

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



52, 81.461, 358.822



52, 81.461, 48.822



52, 81.461, 178.822



52, 81.461, 228.822

Sweetspot

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



52, 81.457, 358.823



81, 35.109, 344.252



37, 120.513, 310.658



41, 23.954, 344.711



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 81.457, 358.823



55, 85.291, 359.100



50, 97.740, 38.463



47, 6.233, 342.284



40, 66.808, 358.238



8, 29.862, 352.550

Inverse Universe

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



52, 81.457, 358.823



55, 85.291, 359.100



86, 49.908, 188.914



47, 6.233, 342.284



40, 66.808, 358.238



8, 29.862, 352.550

Previews

White Background



This preview shows how the CIELCh color 52, 81.461, 358.822 looks on a white background.

Color Contrast Check

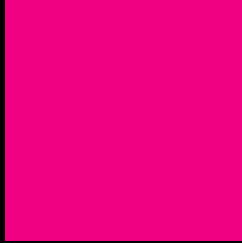
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 81.461, 358.822 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 52, 81.461, 358.822

Background



This preview shows how black text looks on a background with the CIELCh color 52, 81.461, 358.822.

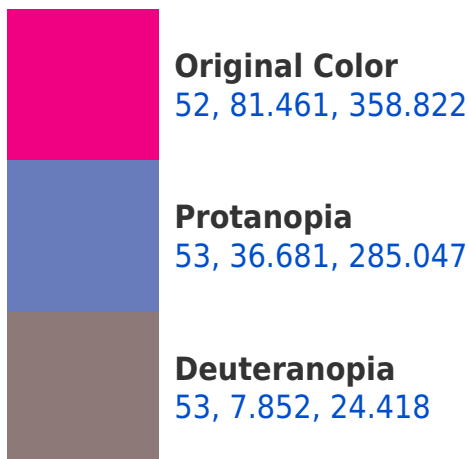


This preview shows how white text looks on a background with the CIELCh color 52, 81.461, 358.822.

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
52, 81.744, 33.409

Trichromacy



Original Color
52, 81.461, 358.822



Protanomaly
46, 55.920, 322.539



Deuteranomaly
47, 45.988, 351.531



Tritanomaly
51, 79.064, 20.583

Monochromacy



Original Color
52, 81.461, 358.822



Achromatopsia
37, 0.005, 296.813



Achromatomaly
37, 42.965, 347.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 81.461, 358.822 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(240, 1, 130)` looks like.

```
.text, #text, p{  
    color:rgb(240, 1, 130)  
}
```

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(240, 1, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 1, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 81.461, 358.822 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(240, 1, 130) }
```

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

```
.border{ border-color:rgb(240, 1, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 1, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 1, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 1, 130);  
box-shadow:4px 4px 4px 4px rgb(240, 1,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 81.461, 358.822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 1, 130) }
```

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

```
.background{ background-color: rgb(240, 1,  
130) }
```

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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