

Converting Colors

CIELCh(52, 84.906, 347.439)

Have a look what the booklet for
CIELCh(52, 84.906, 347.439)
contains.

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Color

CIELCh(52, 84.984, 347.378)

Conversions

Conversions Part 1	
Format	Color
Hex	EB019E
RGB	235, 1, 158
RGB Percent	92%, 0%, 62%
CMY	0.0785, 0.9963, 0.3805
CMYK	0.00, 1.00, 0.33, 0.08
HSL	320°, 99%, 46%
HSV	320°, 100%, 92%
XYZ	40.4304, 20.1443, 34.0944
YIQ	88.8640, 89.0670, 98.4350

Conversions

Conversions Part 2

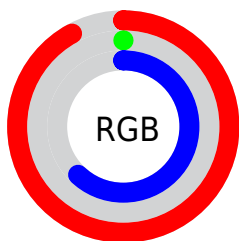
Format	Color
RYB	235, 1, 158
Decimal	15401374
CIELab	52.00, 82.93, -18.57
CIELCh	52, 84.984, 347.378
Yxy	20.1443, 0.4271, 0.2128
Android (android.graphics.Color)	4293591454 (0xFFEB019E)
YUV	88.8640, 34.0840, 128.1613
Hunter-Lab	44.8824, 82.2499, -13.6213

Details

The CIELCh color **52, 84.984, 347.378** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **82, 98.132, 141.807**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **65, 77.635, 337.789**, and **38, 65.959, 351.169** is the 20% darker color. If you saturate the color by 10%, you get **52, 84.987, 347.470**, and if you desaturate by 10%, it is **53, 84.419, 345.193**.

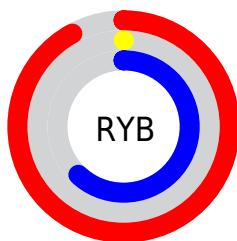
Distribution



Red (92%)

Green (0%)

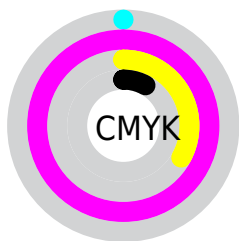
Blue (62%)



Red (92%)

Yellow (0%)

Blue (62%)

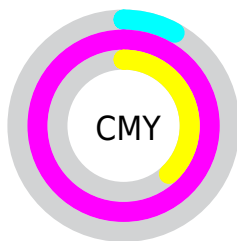


Cyan (0%)

Magenta (100%)

Yellow (33%)

Black (8%)



Cyan (8%)

Magenta (100%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 84.984, 347.378 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, 84.984, 347.378 by changing the saturation by 10% instead.


 52, 84.984,
347.378

 52, 84.984,
347.378

 100, 84.984,
347.378

 42, 84.984,
347.378


 72, 84.984,
347.378

 32, 84.984,
347.378

 82, 84.984,
347.378

 22, 84.984,
347.378

 92, 84.984,
347.378

 12, 84.984,
347.378

 2, 84.984, 347.378

 0, 84.984, 347.378

■ 52, 84.984,
347.378

■ 52, 84.984,
347.378

■ 52, 84.987,
347.470

■ 53, 84.419,
345.193

■ 55, 81.456,
343.388

■ 58, 75.806,
341.903

■ 61, 67.805,
340.651


■ 66, 58.007,
339.564

■ 70, 47.008,
338.595

■ 76, 35.323,
337.713

■ 81, 23.348,

336.897

 87, 11.361,
336.126

Harmonies

Complementary

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



52, 84.984, 347.378



82, 98.132, 141.807

Rectangle

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



52, 84.984, 347.378



52, 84.984, 37.378



52, 84.984, 167.378



52, 84.984, 217.378

Sweetspot

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



52, 84.980, 347.379



81, 38.254, 337.759



33, 121.731, 308.416



41, 26.062, 338.125



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, 84.980, 347.379



56, 90.336, 347.586



49, 88.810, 31.364



46, 6.714, 336.116



40, 70.140, 347.041



8, 30.956, 343.471

Inverse Universe

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



52, 84.980, 347.379



56, 90.336, 347.586



84, 57.343, 172.343



46, 6.714, 336.116



40, 70.140, 347.041



8, 30.956, 343.471

Previews

White Background



This preview shows how the CIELCh color 52, 84.984, 347.378 looks on a white background.

Color Contrast Check

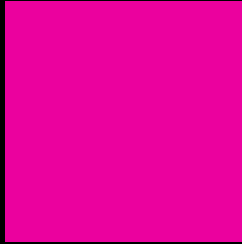
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.984, 347.378 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, 84.984, 347.378

Background



This preview shows how black text looks on a background with the CIELCh color 52, 84.984, 347.378.



This preview shows how white text looks on a background with the CIELCh color 52, 84.984, 347.378.

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

52, 84.984, 347.378

Protanopia

53, 60.286, 286.994

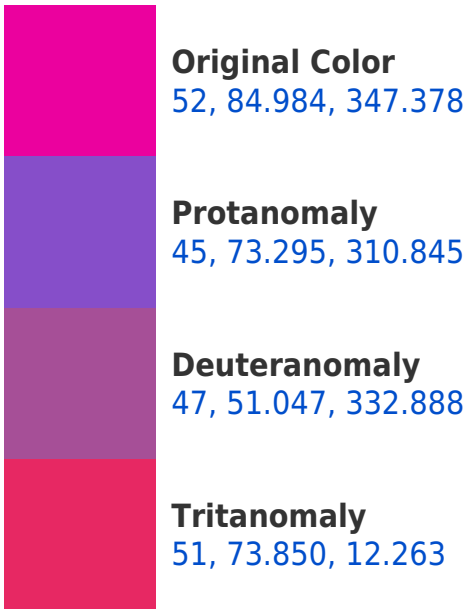
Deuteranopia

53, 14.035, 297.972



Tritanopia
52, 73.761, 30.429

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 84.984, 347.378 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(235, 1, 158)` looks like.

```
.text, #text, p{  
    color:rgb(235, 1, 158)  
}
```

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(235, 1, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 1, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 84.984, 347.378 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(235, 1, 158) }
```

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

```
.border{ border-color:rgb(235, 1, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 1, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 1, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 1, 158);  
box-shadow:4px 4px 4px 4px rgb(235, 1,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 84.984, 347.378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 1, 158) }
```

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

```
.background{ background-color: rgb(235, 1,  
158) }
```

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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