

Converting Colors

CIELCh(52, 83.641, 352.331)

Have a look what the booklet for
CIELCh(52, 83.641, 352.331)
contains.

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Color

CIELCh(52, 83.217, 352.275)

Conversions

Conversions Part 1

Format	Color
Hex	EE0092
RGB	238, 0, 146
RGB Percent	93%, 0%, 57%
CMY	0.0682, 1.0000, 0.4287
CMYK	0.00, 1.00, 0.39, 0.07
HSL	323°, 100%, 47%
HSV	323°, 100%, 93%
XYZ	40.2795, 20.1443, 28.8298
YIQ	87.8060, 94.9820, 95.8620

Conversions

Conversions Part 2

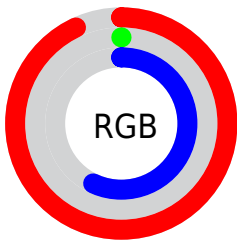
Format	Color
R_{YB}	238, 0, 146
Decimal	15597714
CIE _{Lab}	52.00, 82.46, -11.19
CIE _{LCh}	52, 83.217, 352.275
Yxy	20.1443, 0.4513, 0.2257
Android (android.graphics.Color)	4293787794 (0xFFEE0092)
YUV	87.8060, 28.6896, 131.7201
Hunter-Lab	44.8824, 81.6498, -6.6667

Details

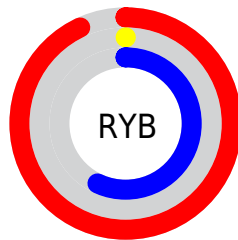
The CIELCh color **52, 83.217, 352.275** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **83, 94.723, 143.769**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **65, 73.724, 341.986**, and **38, 64.875, 357.606** is the 20% darker color. If you saturate the color by 10%, you get **52, 83.104, 352.302**, and if you desaturate by 10%, it is **53, 82.528, 349.498**.

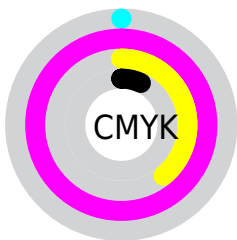
Distribution



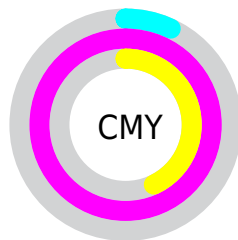
- Red (93%)
- Green (0%)
- Blue (57%)



- Red (93%)
- Yellow (0%)
- Blue (57%)



- Cyan (0%)
- Magenta (100%)
- Yellow (39%)
- Black (7%)





- Cyan (7%)
- Magenta (100%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 83.217, 352.275 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, 83.217, 352.275 by changing the saturation by 10% instead.


 52, 83.217,
352.275


 52, 83.217,
352.275


 100, 83.217,
352.275


 42, 83.217,
352.275


 72, 83.217,
352.275


 32, 83.217,
352.275

 82, 83.217,
352.275

 22, 83.217,
352.275

 92, 83.217,
352.275

 12, 83.217,
352.275

 2, 83.217, 352.275

 0, 83.217, 352.275

■ 52, 83.217,
352.275

■ 52, 83.217,
352.275

■ 52, 83.104,
352.302

■ 53, 82.528,
349.498

■ 55, 79.684,
347.205

■ 58, 74.209,
345.360

■ 61, 66.418,
343.845

■ 66, 56.863,
342.566

■ 71, 46.136,
341.456

■ 76, 34.753,
340.469

■ 82, 23.106,

339.574

■ 88, 11.467,
338.743

Harmonies

Complementary

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



52, 83.217, 352.275



83, 94.723, 143.769

Rectangle

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



52, 83.217, 352.275



52, 83.217, 42.275



52, 83.217, 172.275



52, 83.217, 222.275

Sweetspot

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



52, 83.104, 352.302



81, 36.800, 340.480



35, 121.447, 309.411



41, 25.085, 340.885



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, 83.104, 352.302



56, 87.605, 352.431



50, 93.862, 35.711



47, 6.558, 338.700



40, 68.699, 351.763



9, 30.857, 347.391

Inverse Universe

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



52, 83.104, 352.302



56, 87.605, 352.431



85, 53.303, 179.951



47, 6.558, 338.700



40, 68.699, 351.763



9, 30.857, 347.391

Previews

White Background



This preview shows how the CIELCh color 52, 83.217, 352.275 looks on a white background.

Color Contrast Check

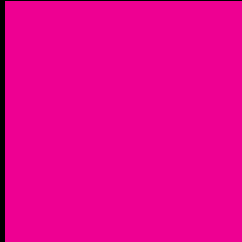
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83.217, 352.275 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, 83.217, 352.275

Background



This preview shows how black text looks on a background with the CIELCh color 52, 83.217, 352.275.

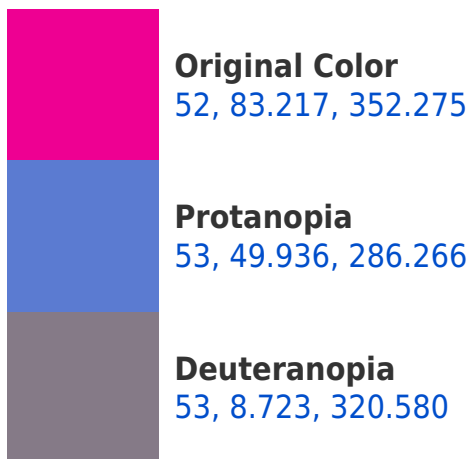


This preview shows how white text looks on a background with the CIELCh color 52, 83.217, 352.275.

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
53, 77.648, 32.011

Trichromacy



Original Color
52, 83.217, 352.275



Protanomaly
46, 65.778, 315.316



Deuteranomaly
47, 48.247, 340.707



Tritanomaly
52, 76.326, 16.116

Monochromacy



Original Color
52, 83.217, 352.275



Achromatopsia
37, 0.005, 296.813



Achromatomaly
37, 44.406, 343.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 83.217, 352.275 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(238, 0, 146)` looks like.

```
.text, #text, p{  
    color:rgb(238, 0, 146)  
}
```

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(238, 0, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 0, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 83.217, 352.275 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(238, 0, 146) }
```

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

```
.border{ border-color:rgb(238, 0, 146) }
```

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

Here you see how a box with a 4 pixel rgb(238, 0, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 0, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 0, 146);  
box-shadow:4px 4px 4px 4px rgb(238, 0,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 83.217, 352.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 0, 146) }
```

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

```
.background{ background-color: rgb(238, 0,  
146) }
```

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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