

Converting Colors

CIELCh(45, 98.939, 348.368)

Have a look what the booklet for
CIELCh(45, 98.939, 348.368)
contains.

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Color

CIELCh(50, 81.277, 351.870)

Conversions

Conversions Part 1

Format	Color
Hex	E5008D
RGB	229, 0, 141
RGB Percent	90%, 0%, 55%
CMY	0.1032, 1.0000, 0.4475
CMYK	0.00, 1.00, 0.38, 0.10
HSL	323°, 100%, 45%
HSV	323°, 100%, 90%
XYZ	36.9575, 18.4187, 26.7665
YIQ	84.5450, 91.2230, 92.3990

Conversions

Conversions Part 2

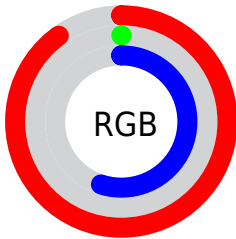
Format	Color
R_{YB}	229, 0, 141
Decimal	15007885
CIE _{Lab}	50.00, 80.46, -11.49
CIE _{LCh}	50, 81.277, 351.870
Yxy	18.4187, 0.4499, 0.2242
Android (android.graphics.Color)	4293197965 (0xFFE5008D)
YUV	84.5450, 27.8323, 126.6870
Hunter-Lab	42.9170, 78.6090, -6.9361

Details

The CIELCh color **50, 81.277, 351.870** 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 **80, 92.155, 143.704**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 73.244, 343.586**, and **36, 62.429, 357.491** is the 20% darker color. If you saturate the color by 10%, you get **50, 80.881, 351.967**, and if you desaturate by 10%, it is **51, 80.269, 349.218**.

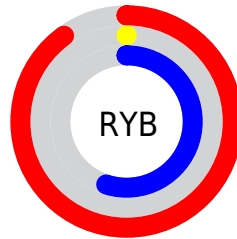
Distribution



Red (90%)

Green (0%)

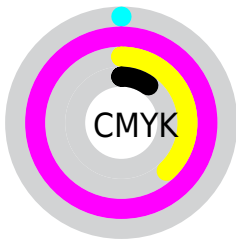
Blue (55%)



Red (90%)

Yellow (0%)

Blue (55%)

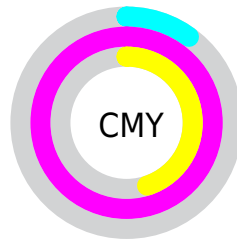


Cyan (0%)

Magenta (100%)

Yellow (38%)

Black (10%)



Cyan (10%)


Magenta (100%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 81.277, 351.870 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 50, 81.277, 351.870 by changing the saturation by 10% instead.


 50, 81.277,
351.870


 50, 81.277,
351.870


 100, 81.277,
351.870


 40, 81.277,
351.870


 70, 81.277,
351.870

 30, 81.277,
351.870


 80, 81.277,
351.870


 20, 81.277,
351.870

 90, 81.277,
351.870

 10, 81.277,
351.870

 0, 81.277, 351.870

 50, 81.277,
351.870

 50, 81.277,
351.870

50, 80.881,
351.967

51, 80.269,
349.218

53, 77.466,
346.965

56, 72.116,
345.149

59, 64.527,
343.655

64, 55.235,
342.391

68, 44.813,
341.293

74, 33.756,
340.314

79, 22.444,
339.426

85, 11.139,

Harmonies

Complementary

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



50, 81.277, 351.870



80, 92.155, 143.704

Rectangle

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



50, 81.277, 351.870



50, 81.277, 41.870



50, 81.277, 171.870



50, 81.277, 221.870

Sweetspot

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



50, 80.881, 351.967



81, 36.874, 340.331



33, 117.951, 309.433



41, 25.135, 340.734



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



50, 80.881, 351.967



56, 87.730, 352.165



48, 91.078, 35.610



45, 6.342, 338.555



39, 67.400, 351.441



7, 29.098, 346.718

Inverse Universe

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



50, 80.881, 351.967



56, 87.730, 352.165



82, 51.767, 179.983



45, 6.342, 338.555



39, 67.400, 351.441



7, 29.098, 346.718

Previews

White Background



This preview shows how the CIELCh color 50, 81.277, 351.870 looks on a white background.

Color Contrast Check

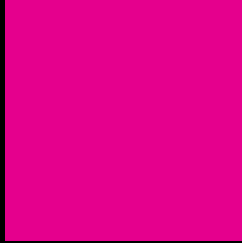
Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 81.277, 351.870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

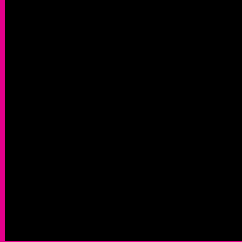
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 81.277, 351.870

Background



This preview shows how black text looks on a background with the CIELCh color 50, 81.277, 351.870.

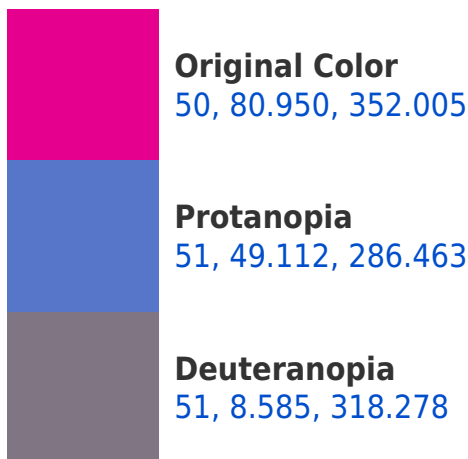


This preview shows how white text looks on a background with the CIELCh color 50, 81.277, 351.870.

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
51, 75.080, 31.897

Trichromacy



Original Color
50, 80.950, 352.005



Protanomaly
44, 64.328, 315.272



Deuteranomaly
45, 47.317, 340.165



Tritanomaly
50, 73.883, 15.858

Monochromacy



Original Color
50, 80.950, 352.005



Achromatopsia
36, 0.005, 296.813



Achromatomaly
36, 43.652, 343.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 81.277, 351.870 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(229, 0, 141)` looks like.

```
.text, #text, p{  
    color:rgb(229, 0, 141)  
}
```

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(229, 0, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 0, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 81.277, 351.870 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(229, 0, 141) }
```

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

```
.border{ border-color:rgb(229, 0, 141) }
```

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

Here you see how a box with a 4 pixel rgb(229, 0, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 0, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 0, 141);  
box-shadow:4px 4px 4px 4px rgb(229, 0,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 81.277, 351.870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 0, 141) }
```

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

```
.background{ background-color: rgb(229, 0,  
141) }
```

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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