

Converting Colors

CIELCh(50, 79.154, 351.538)

Have a look what the booklet for
CIELCh(50, 79.154, 351.538)
contains.

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Color

CIELCh(50, 79.200, 351.592)

Conversions

Conversions Part 1

Format	Color
Hex	E20F8D
RGB	226, 15, 141
RGB Percent	89%, 6%, 55%
CMY	0.1139, 0.9417, 0.4472
CMYK	0.00, 0.93, 0.38, 0.11
HSL	324°, 88%, 47%
HSV	324°, 93%, 89%
XYZ	36.3198, 18.4187, 26.8220
YIQ	92.4530, 85.3100, 83.9180

Conversions

Conversions Part 2

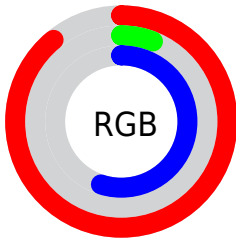
Format	Color
R_{YB}	226, 15, 141
Decimal	14815117
CIE _{Lab}	50.00, 78.35, -11.58
CIE _{LCh}	50, 79.200, 351.592
Yxy	18.4187, 0.4453, 0.2258
Android (android.graphics.Color)	4293005197 (0xFFE20F8D)
YUV	92.4530, 23.9337, 117.1207
Hunter-Lab	42.9170, 75.9564, -7.0128

Details

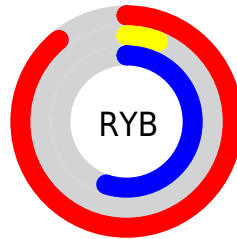
The CIELCh color **50, 79.200, 351.592** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **79, 86.289, 145.867**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 72.351, 343.745**, and **36, 62.013, 356.856** is the 20% darker color. If you saturate the color by 10%, you get **49, 79.484, 353.581**, and if you desaturate by 10%, it is **52, 77.235, 348.993**.

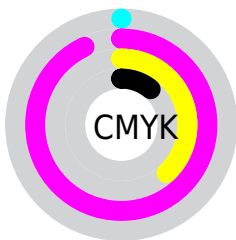
Distribution



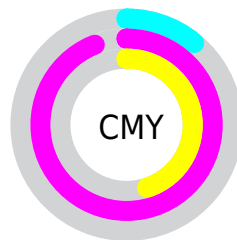
- Red (89%)
- Green (6%)
- Blue (55%)



- Red (89%)
- Yellow (6%)
- Blue (55%)



- Cyan (0%)
- Magenta (93%)
- Yellow (38%)
- Black (11%)





- Cyan (11%)
- Magenta (94%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 79.200, 351.592 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, 79.200, 351.592 by changing the saturation by 10% instead.


 50, 79.200,
351.592


 50, 79.200,
351.592


 100, 79.200,
351.592


 40, 79.200,
351.592


 70, 79.200,
351.592

 30, 79.200,
351.592


 80, 79.200,
351.592


 20, 79.200,
351.592

 90, 79.200,
351.592

 10, 79.200,
351.592

 0, 79.200, 351.592

 50, 79.200,
351.592

 50, 79.200,
351.592

49, 79.484,
353.581

52, 77.235,
348.993

54, 72.775,
346.914

57, 65.991,
345.228

61, 57.358,
343.826

66, 47.443,
342.627

71, 36.766,
341.574

76, 25.738,
340.631

82, 14.653,
339.766

88, 3.700, 338.902

Harmonies

Complementary

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



50, 79.200, 351.592



79, 86.289, 145.867

Rectangle

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



50, 79.200, 351.592



50, 79.200, 41.592



50, 79.200, 171.592



50, 79.200, 221.592

Sweetspot

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



50, 79.196, 351.593



82, 33.990, 341.069



35, 113.320, 310.036



41, 23.463, 341.487



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, 79.196, 351.593



56, 86.993, 353.819



48, 86.930, 33.724



44, 6.144, 339.435



38, 66.123, 353.003



7, 27.654, 347.771

Inverse Universe

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



50, 79.196, 351.593



56, 86.993, 353.819



81, 49.545, 182.884



44, 6.144, 339.435



38, 66.123, 353.003



7, 27.654, 347.771

Previews

White Background



This preview shows how the CIELCh color 50, 79.200, 351.592 looks on a white background.

Color Contrast Check

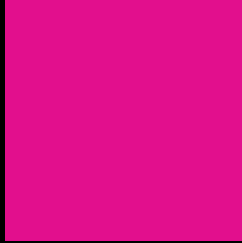
Large Text (above 18pt) WCAG AA ✓ Pass

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, 79.200, 351.592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

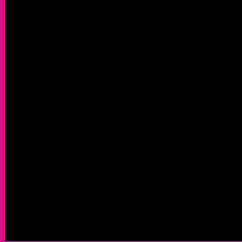
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 79.200, 351.592

Background



This preview shows how black text looks on a background with the CIELCh color 50, 79.200, 351.592.



This preview shows how white text looks on a background with the CIELCh color 50, 79.200, 351.592.

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

50, 79.200, 351.592

Protanopia

51, 48.586, 285.987

Deuteranopia

51, 9.117, 316.601



Tritanopia
50, 73.195, 31.200

Trichromacy



Original Color
50, 79.200, 351.592



Protanomaly
45, 60.712, 314.137



Deuteranomaly
46, 43.986, 339.983



Tritanomaly
50, 71.658, 15.677

Monochromacy



Original Color
50, 79.200, 351.592



Achromatopsia
39, 0.006, 296.813



Achromatomaly
39, 39.997, 343.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 79.200, 351.592 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(226, 15, 141)` looks like.

```
.text, #text, p{  
    color:rgb(226, 15, 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(226, 15, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 15, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 79.200, 351.592 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(226, 15, 141) }
```

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

```
.border{ border-color:rgb(226, 15, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 15, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 15, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 15, 141);  
box-shadow:4px 4px 4px 4px rgb(226, 15,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 79.200, 351.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 15, 141) }
```

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

```
.background{ background-color: rgb(226, 15,  
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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