

Converting Colors

CIELCh(50, 79.186, 0.261)

Have a look what the booklet for
CIELCh(50, 79.186, 0.261) contains.

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Color

CIELCh(50, 78.892, 0.394)

Conversions

Conversions Part 1

Format	Color
Hex	E70179
RGB	231, 1, 121
RGB Percent	91%, 0%, 47%
CMY	0.0934, 0.9971, 0.5249
CMYK	0.00, 1.00, 0.48, 0.09
HSL	329°, 99%, 45%
HSV	329°, 100%, 91%
XYZ	36.4826, 18.4187, 19.7693
YIQ	83.4500, 98.5600, 86.0800

Conversions

Conversions Part 2

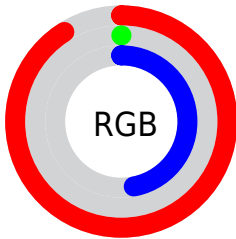
Format	Color
R_{YB}	231, 1, 121
Decimal	15139193
CIE _{Lab}	50.00, 78.89, 0.54
CIE _{LCh}	50, 78.892, 0.394
Yxy	18.4187, 0.4886, 0.2467
Android (android.graphics.Color)	4293329273 (0xFFE70179)
YUV	83.4500, 18.5121, 129.4014
Hunter-Lab	42.9170, 76.6336, 2.7305

Details

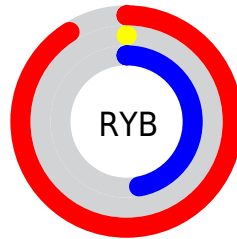
The CIELCh color **50, 78.892, 0.394** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **81, 85.072, 147.754**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 68.225, 352.167**, and **36, 62.062, 8.202** is the 20% darker color. If you saturate the color by 10%, you get **50, 78.918, 0.518**, and if you desaturate by 10%, it is **51, 77.768, 356.630**.

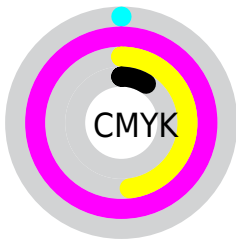
Distribution



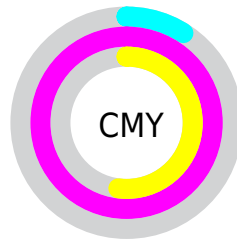
- Red (91%)
- Green (0%)
- Blue (47%)



- Red (91%)
- Yellow (0%)
- Blue (47%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (9%)



- Cyan (9%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 78.892, 0.394 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, 78.892, 0.394 by changing the saturation by 10% instead.

 50, 78.892, 0.394

 50, 78.892, 0.394

 100, 78.892, 0.394

 40, 78.892, 0.394

 70, 78.892, 0.394

 30, 78.892, 0.394


 80, 78.892, 0.394


 20, 78.892, 0.394

 90, 78.892, 0.394


 10, 78.892, 0.394


 0, 78.892, 0.394

 50, 78.892, 0.394

 50, 78.892, 0.394

 50, 78.918, 0.518

 51, 77.768,
356.630

 53, 74.645,
353.575

■ 56, 69.161,
351.160

■ 60, 61.601,
349.227

■ 64, 52.487,
347.642

■ 69, 42.374,
346.309

■ 74, 31.737,
345.157

■ 80, 20.931,
344.138

■ 86, 10.196,
343.211

Harmonies

Complementary

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



50, 78.892, 0.394



81, 85.072, 147.754

Rectangle

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



50, 78.892, 0.394



50, 78.892, 50.394



50, 78.892, 180.394



50, 78.892, 230.394

Sweetspot

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



50, 78.888, 0.395



81, 34.732, 345.208



36, 116.746, 311.023



41, 23.702, 345.681



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, 78.888, 0.395



55, 84.947, 0.763



48, 95.604, 38.913



45, 5.943, 343.190



38, 65.148, 359.765



7, 27.847, 353.245

Inverse Universe

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



50, 78.888, 0.395



55, 84.947, 0.763



83, 47.779, 191.344



45, 5.943, 343.190



38, 65.148, 359.765



7, 27.847, 353.245

Previews

White Background



This preview shows how the CIELCh color 50, 78.892, 0.394 looks on a white background.

Color Contrast Check

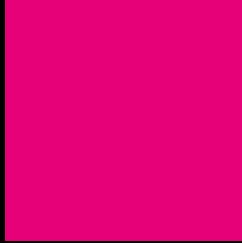
Large Text (above 18pt) WCAG AA ✓ Pass

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, 78.892, 0.394 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, 78.892, 0.394

Background



This preview shows how black text looks on a background with the CIELCh color 50, 78.892, 0.394.



This preview shows how white text looks on a background with the CIELCh color 50, 78.892, 0.394.

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, 78.816, 0.422

Protanopia

51, 32.827, 285.418

Deuteranopia

51, 8.926, 39.168



Tritanopia
50, 80.477, 33.709

Trichromacy



Original Color
50, 78.816, 0.422



Protanomaly
44, 52.298, 325.120



Deuteranomaly
45, 44.282, 355.100



Tritanomaly
50, 77.440, 21.365

Monochromacy



Original Color
50, 78.816, 0.422



Achromatopsia
35, 0.005, 296.813



Achromatomaly
35, 41.431, 349.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 78.892, 0.394 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(231, 1, 121)` looks like.

```
.text, #text, p{  
    color:rgb(231, 1, 121)  
}
```

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(231, 1, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 1, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 78.892, 0.394 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(231, 1, 121) }
```

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

```
.border{ border-color:rgb(231, 1, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 1, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 1, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 1, 121);  
box-shadow:4px 4px 4px 4px rgb(231, 1,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 78.892, 0.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 1, 121) }
```

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

```
.background{ background-color: rgb(231, 1,  
121) }
```

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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