

Converting Colors

CIELCh(51, 79.213, 4.102)

Have a look what the booklet for
CIELCh(51, 79.213, 4.102) contains.

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Color

CIELCh(51, 79.151, 4.215)

Conversions

Conversions Part 1

Format	Color
Hex	EC0873
RGB	236, 8, 115
RGB Percent	93%, 3%, 45%
CMY	0.0742, 0.9671, 0.5487
CMYK	0.00, 0.96, 0.51, 0.07
HSL	332°, 93%, 48%
HSV	332°, 96%, 93%
XYZ	37.8108, 19.2686, 17.9674
YIQ	88.3700, 101.5410, 81.6130

Conversions

Conversions Part 2

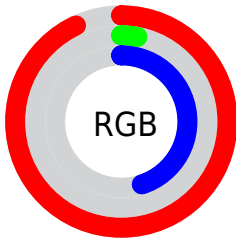
Format	Color
R_{YB}	236, 8, 115
Decimal	15468659
CIE _{Lab}	51.00, 78.94, 5.82
CIE _{LCh}	51, 79.151, 4.215
Yxy	19.2686, 0.5038, 0.2568
Android (android.graphics.Color)	4293658739 (0xFFEC0873)
YUV	88.3700, 13.1286, 129.4715
Hunter-Lab	43.8960, 76.9367, 6.4587

Details

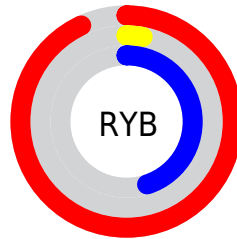
The CIELCh color **51, 79.151, 4.215** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **83, 80.230, 151.198**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 66.346, 355.077**, and **37, 63.452, 12.062** is the 20% darker color. If you saturate the color by 10%, you get **51, 79.650, 5.818**, and if you desaturate by 10%, it is **52, 77.094, 0.087**.

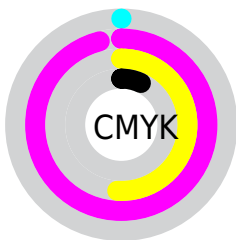
Distribution



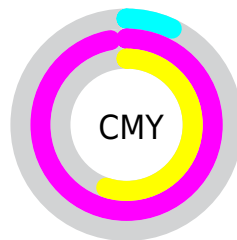
- Red (93%)
- Green (3%)
- Blue (45%)



- Red (93%)
- Yellow (3%)
- Blue (45%)



- Cyan (0%)
- Magenta (96%)
- Yellow (51%)
- Black (7%)



- Cyan (7%)
- Magenta (97%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 79.151, 4.215 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 51, 79.151, 4.215 by changing the saturation by 10% instead.

 51, 79.151, 4.215

 51, 79.151, 4.215

 100, 79.151, 4.215

 41, 79.151, 4.215

 71, 79.151, 4.215

 31, 79.151, 4.215

 81, 79.151, 4.215

 21, 79.151, 4.215

 91, 79.151, 4.215

 11, 79.151, 4.215

 1, 79.151, 4.215

 0, 79.151, 4.215

 51, 79.151, 4.215

 51, 79.151, 4.215

 51, 79.650, 5.818

 52, 77.094, 0.087

 55, 72.896,

356.808

58, 66.498,
354.226

62, 58.263,
352.169

67, 48.732,
350.493

72, 38.433,
349.092

77, 27.797,
347.890

83, 17.130,
346.834

89, 6.629, 345.862

Harmonies

Complementary

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



51, 79.151, 4.215



83, 80.230, 151.198

Rectangle

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



51, 79.151, 4.215



51, 79.151, 54.215



51, 79.151, 184.215



51, 79.151, 234.215

Sweetspot

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



51, 79.147, 4.216



81, 32.499, 348.196



39, 116.015, 312.345



41, 22.333, 348.708



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



51, 79.147, 4.216



55, 84.428, 6.036



50, 96.604, 39.359



46, 5.837, 346.154



39, 65.314, 4.944



8, 28.340, 357.645

Inverse Universe

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



51, 79.147, 4.216



55, 84.428, 6.036



84, 46.007, 198.979



46, 5.837, 346.154



39, 65.314, 4.944



8, 28.340, 357.645

Previews

White Background



This preview shows how the CIELCh color 51, 79.151, 4.215 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 51, 79.151, 4.215 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 51, 79.151, 4.215

Background



This preview shows how black text looks on a background with the CIELCh color 51, 79.151, 4.215.



This preview shows how white text looks on a background with the CIELCh color 51, 79.151, 4.215.

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

51, 79.151, 4.215

Protanopia

52, 26.313, 285.421

Deuteranopia

51, 12.517, 56.963



Tritanopia
51, 83.225, 34.221

Trichromacy



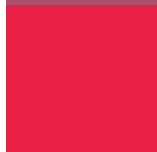
Original Color
51, 79.151, 4.215



Protanomaly
46, 47.179, 330.671



Deuteranomaly
47, 43.159, 2.560



Tritanomaly
51, 79.750, 23.700

Monochromacy



Original Color
51, 79.151, 4.215



Achromatopsia
38, 0.005, 296.813



Achromatomaly
38, 39.380, 352.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 79.151, 4.215 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(236, 8, 115)` looks like.

```
.text, #text, p{  
    color:rgb(236, 8, 115)  
}
```

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(236, 8, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 8, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 79.151, 4.215 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(236, 8, 115) }
```

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

```
.border{ border-color:rgb(236, 8, 115) }
```

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

Here you see how a box with a 4 pixel rgb(236, 8, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 8, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 8, 115);  
box-shadow:4px 4px 4px 4px rgb(236, 8,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 79.151, 4.215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 8, 115) }
```

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

```
.background{ background-color: rgb(236, 8,  
115) }
```

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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