

Converting Colors

CIELCh(51, 79.430, 3.183)

Have a look what the booklet for
CIELCh(51, 79.430, 3.183) contains.

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Color

CIELCh(51, 79.362, 3.326)

Conversions

Conversions Part 1

Format	Color
Hex	EC0675
RGB	236, 6, 117
RGB Percent	93%, 2%, 46%
CMY	0.0742, 0.9751, 0.5409
CMYK	0.00, 0.97, 0.50, 0.07
HSL	331°, 95%, 48%
HSV	331°, 97%, 93%
XYZ	37.9007, 19.2686, 18.5702
YIQ	87.4240, 101.4490, 83.2810

Conversions

Conversions Part 2

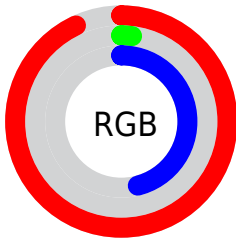
Format	Color
RYB	236, 6, 117
Decimal	15468149
CIELab	51.00, 79.23, 4.60
CIElCh	51, 79.362, 3.326
Yxy	19.2686, 0.5004, 0.2544
Android (android.graphics.Color)	4293658229 (0xFFEC0675)
YUV	87.4240, 14.5810, 130.3012
Hunter-Lab	43.8960, 77.3026, 5.6446

Details

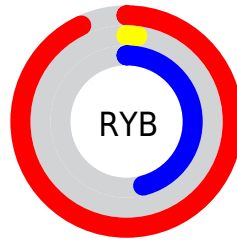
The CIELCh color **51, 79.362, 3.326** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **83, 81.794, 150.285**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 67.095, 354.035**, and **37, 63.387, 11.504** is the 20% darker color. If you saturate the color by 10%, you get **51, 79.702, 4.501**, and if you desaturate by 10%, it is **52, 77.581, 359.263**.

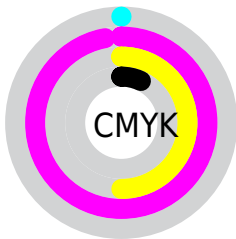
Distribution



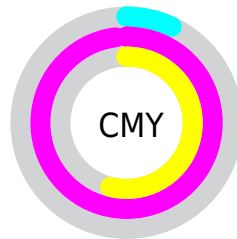
- Red (93%)
- Green (2%)
- Blue (46%)



- Red (93%)
- Yellow (2%)
- Blue (46%)



- Cyan (0%)
- Magenta (97%)
- Yellow (50%)
- Black (7%)



- Cyan (7%)
- Magenta (98%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 79.362, 3.326 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, 79.362, 3.326 by changing the saturation by 10% instead.

 51, 79.362, 3.326

 51, 79.362, 3.326

 100, 79.362, 3.326

 41, 79.362, 3.326

 71, 79.362, 3.326

 31, 79.362, 3.326

 81, 79.362, 3.326

 21, 79.362, 3.326

 91, 79.362, 3.326

 11, 79.362, 3.326

 1, 79.362, 3.326

 0, 79.362, 3.326

 51, 79.362, 3.326

 51, 79.362, 3.326

 51, 79.702, 4.501

 52, 77.581,
359.263

■ 54, 73.659,
356.026

■ 58, 67.481,
353.475

■ 62, 59.391,
351.442

■ 66, 49.928,
349.783

■ 71, 39.634,
348.395

■ 77, 28.951,
347.203

■ 83, 18.202,
346.154

■ 89, 7.597, 345.193

Harmonies

Complementary

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



51, 79.362, 3.326



83, 81.794, 150.285

Rectangle

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



51, 79.362, 3.326



51, 79.362, 53.326



51, 79.362, 183.326



51, 79.362, 233.326

Sweetspot

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



51, 79.358, 3.327



81, 32.754, 347.407



39, 116.364, 312.285



41, 22.503, 347.909



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, 79.358, 3.327



55, 84.478, 4.713



50, 97.037, 39.535



46, 5.889, 345.398



39, 65.384, 3.654



8, 28.447, 356.599

Inverse Universe

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



51, 79.358, 3.327



55, 84.478, 4.713



84, 46.042, 198.997



46, 5.889, 345.398



39, 65.384, 3.654



8, 28.447, 356.599

Previews

White Background



This preview shows how the CIELCh color 51, 79.362, 3.326 looks on a white background.

Color Contrast Check

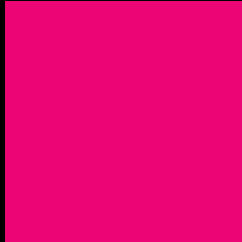
Large Text (above 18pt) WCAG AA ✓ Pass

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, 79.362, 3.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

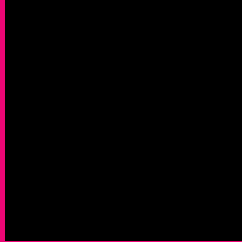
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 79.362, 3.326

Background



This preview shows how black text looks on a background with the CIELCh color 51, 79.362, 3.326.



This preview shows how white text looks on a background with the CIELCh color 51, 79.362, 3.326.

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, 82.795, 34.065

Trichromacy



Original Color
51, 79.362, 3.326



Protanomaly
45, 48.907, 328.936



Deuteranomaly
46, 43.505, 0.367



Tritanomaly
51, 79.560, 23.307

Monochromacy



Original Color
51, 79.362, 3.326



Achromatopsia
37, 0.005, 296.813



Achromatomaly
37, 40.666, 350.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 79.362, 3.326 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, 6, 117)` looks like.

```
.text, #text, p{  
    color:rgb(236, 6, 117)  
}
```

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, 6, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 6, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 79.362, 3.326 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, 6, 117) }
```

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

```
.border{ border-color:rgb(236, 6, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 6, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 6, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 6, 117);  
box-shadow:4px 4px 4px 4px rgb(236, 6,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 79.362, 3.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 6, 117) }
```

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

```
.background{ background-color: rgb(236, 6,  
117) }
```

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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