

Converting Colors

CIELCh(51, 79.665, 4.805)

Have a look what the booklet for
CIELCh(51, 79.665, 4.805) contains.

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Color

CIELCh(51, 79.720, 4.692)

Conversions

Conversions Part 1

Format	Color
Hex	ED0372
RGB	237, 3, 114
RGB Percent	93%, 1%, 45%
CMY	0.0708, 0.9889, 0.5531
CMYK	0.00, 0.99, 0.52, 0.07
HSL	332°, 98%, 47%
HSV	332°, 99%, 93%
XYZ	37.9702, 19.2686, 17.6240
YIQ	85.6200, 103.8330, 84.1290

Conversions

Conversions Part 2

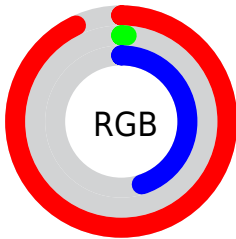
Format	Color
R_{YB}	237, 3, 114
Decimal	15532914
CIE _{Lab}	51.00, 79.45, 6.52
CIE _{LCh}	51, 79.720, 4.692
Yxy	19.2686, 0.5072, 0.2574
Android (android.graphics.Color)	4293722994 (0xFFED0372)
YUV	85.6200, 13.9913, 132.7603
Hunter-Lab	43.8960, 77.5848, 6.9226

Details

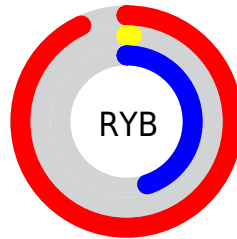
The CIELCh color **51, 79.720, 4.692** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **83, 82.108, 150.327**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 66.617, 355.361**, and **37, 63.830, 12.858** is the 20% darker color. If you saturate the color by 10%, you get **51, 79.885, 5.225**, and if you desaturate by 10%, it is **52, 78.067, 0.453**.

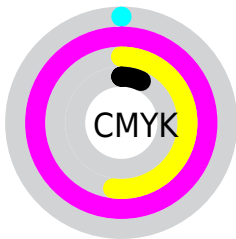
Distribution



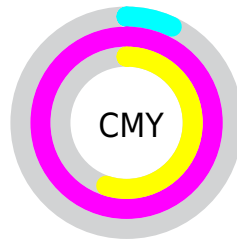
- Red (93%)
- Green (1%)
- Blue (45%)



- Red (93%)
- Yellow (1%)
- Blue (45%)



- Cyan (0%)
- Magenta (99%)
- Yellow (52%)
- Black (7%)



- Cyan (7%)
- Magenta (99%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 79.720, 4.692 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, 79.720, 4.692 by changing the saturation by 10% instead.

 51, 79.720, 4.692

 51, 79.720, 4.692

 100, 79.720, 4.692

 41, 79.720, 4.692

 71, 79.720, 4.692

 31, 79.720, 4.692

 81, 79.720, 4.692

 21, 79.720, 4.692

 91, 79.720, 4.692

 11, 79.720, 4.692

 1, 79.720, 4.692

 0, 79.720, 4.692

 51, 79.720, 4.692

 51, 79.720, 4.692

 51, 79.885, 5.225

 52, 78.067, 0.453

 54, 74.436,

357.034

57, 68.542,
354.343

61, 60.680,
352.205

66, 51.370,
350.472

71, 41.161,
349.029

76, 30.515,
347.797

82, 19.769,
346.719

88, 9.146, 345.744

Harmonies

Complementary

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



51, 79.720, 4.692



83, 82.108, 150.327

Rectangle

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



51, 79.720, 4.692



51, 79.720, 54.692



51, 79.720, 184.692



51, 79.720, 234.692

Sweetspot

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



51, 79.716, 4.693



81, 33.754, 347.950



39, 117.306, 312.182



40, 23.053, 348.459



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, 79.716, 4.693



55, 84.444, 5.430



50, 98.075, 39.859



46, 5.861, 345.806



39, 65.341, 4.353



8, 28.387, 357.165

Inverse Universe

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



51, 79.716, 4.693



55, 84.444, 5.430



84, 46.233, 199.029



46, 5.861, 345.806



39, 65.341, 4.353



8, 28.387, 357.165

Previews

White Background



This preview shows how the CIELCh color 51, 79.720, 4.692 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, 79.720, 4.692 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, 79.720, 4.692

Background



This preview shows how black text looks on a background with the CIELCh color 51, 79.720, 4.692.



This preview shows how white text looks on a background with the CIELCh color 51, 79.720, 4.692.

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, 79.720, 4.692

Protanopia

52, 25.708, 285.860

Deuteranopia

51, 12.904, 58.868



Tritanopia
51, 84.023, 34.414

Trichromacy



Original Color
51, 79.720, 4.692



Protanomaly
45, 48.140, 331.504



Deuteranomaly
46, 44.024, 2.545



Tritanomaly
51, 80.552, 24.006

Monochromacy



Original Color
51, 79.720, 4.692



Achromatopsia
37, 0.005, 296.813



Achromatomaly
37, 40.769, 352.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 79.720, 4.692 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(237, 3, 114)` looks like.

```
.text, #text, p{  
    color:rgb(237, 3, 114)  
}
```

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(237, 3, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 3, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 79.720, 4.692 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(237, 3, 114) }
```

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

```
.border{ border-color:rgb(237, 3, 114) }
```

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

Here you see how a box with a 4 pixel rgb(237, 3, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 3, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 3, 114);  
box-shadow:4px 4px 4px 4px rgb(237, 3,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 79.720, 4.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 3, 114) }
```

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

```
.background{ background-color: rgb(237, 3,  
114) }
```

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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