

Converting Colors

CIELCh(52, 76.679, 4.061)

Have a look what the booklet for
CIELCh(52, 76.679, 4.061) contains.

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Color

CIELCh(52, 76.679, 4.061)

Conversions

Conversions Part 1

Format	Color
Hex	EC1F76
RGB	236, 31, 118
RGB Percent	93%, 12%, 46%
CMY	0.0742, 0.8778, 0.5370
CMYK	0.00, 0.87, 0.50, 0.07
HSL	335°, 84%, 52%
HSV	335°, 87%, 93%
XYZ	38.3874, 20.1443, 19.0250
YIQ	102.2130, 94.2530, 70.5170

Conversions

Conversions Part 2

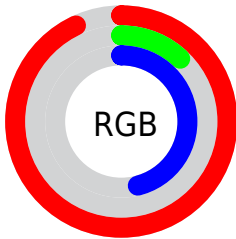
Format	Color
R_{YB}	236, 31, 118
Decimal	15474550
CIE _{Lab}	52.00, 76.49, 5.43
CIE _{LCh}	52, 76.679, 4.061
Yxy	20.1443, 0.4950, 0.2597
Android (android.graphics.Color)	4293664630 (0xFFEC1F76)
YUV	102.2130, 7.7830, 117.3312
Hunter-Lab	44.8824, 74.1247, 6.2855

Details

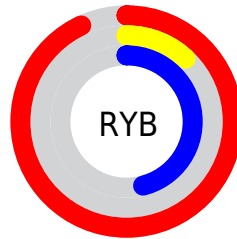
The CIELCh color **52, 76.679, 4.061** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **83, 71.918, 155.905**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 63.755, 354.901**, and **37, 63.328, 10.945** is the 20% darker color. If you saturate the color by 10%, you get **51, 79.169, 8.633**, and if you desaturate by 10%, it is **54, 72.240, 0.407**.

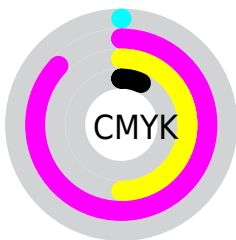
Distribution



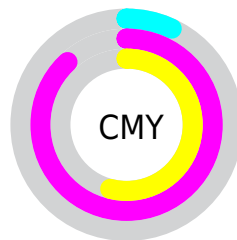
- Red (93%)
- Green (12%)
- Blue (46%)



- Red (93%)
- Yellow (12%)
- Blue (46%)



- Cyan (0%)
- Magenta (87%)
- Yellow (50%)
- Black (7%)




- Cyan (7%)
- Magenta (88%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 76.679, 4.061 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 52, 76.679, 4.061 by changing the saturation by 10% instead.

 52, 76.679, 4.061  52, 76.679, 4.061

 100, 76.679, 4.061  42, 76.679, 4.061


 72, 76.679, 4.061  32, 76.679, 4.061

 82, 76.679, 4.061  22, 76.679, 4.061

 92, 76.679, 4.061  12, 76.679, 4.061

 2, 76.679, 4.061

 0, 76.679, 4.061

 52, 76.679, 4.061  52, 76.679, 4.061

 51, 79.169, 8.633  54, 72.240, 0.407

 50, 79.822, 10.204  57, 65.746,

357.532

62, 57.518,
355.257

66, 48.070,
353.422

72, 37.915,
351.906

77, 27.472,
350.621

83, 17.036,
349.504

89, 6.797, 348.487

95, 3.139, 167.848

Harmonies

Complementary

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



52, 76.679, 4.061



83, 71.918, 155.905

Rectangle

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



52, 76.679, 4.061



52, 76.679, 54.061



52, 76.679, 184.061



52, 76.679, 234.061

Sweetspot

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



52, 76.675, 4.062



83, 28.358, 350.539



43, 109.866, 314.154



42, 19.274, 350.960



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 76.675, 4.062



54, 84.643, 10.441



52, 88.465, 38.097



46, 5.674, 348.756



38, 65.362, 9.250



8, 28.063, 1.091

Inverse Universe

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



52, 76.675, 4.062



54, 84.643, 10.441



81, 42.746, 206.566



46, 5.674, 348.756



38, 65.362, 9.250



8, 28.063, 1.091

Previews

White Background



This preview shows how the CIELCh color 52, 76.679, 4.061 looks on a white background.

Color Contrast Check

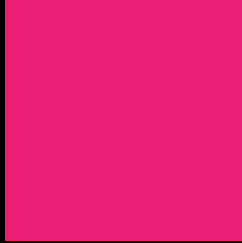
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 76.679, 4.061 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 52, 76.679, 4.061

Background



This preview shows how black text looks on a background with the CIELCh color 52, 76.679, 4.061.



This preview shows how white text looks on a background with the CIELCh color 52, 76.679, 4.061.

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
52, 76.679, 4.061

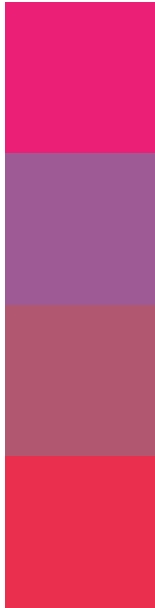
Protanopia
52, 25.067, 285.529

Deuteranopia
52, 11.748, 52.792



Tritanopia
52, 79.453, 32.639

Trichromacy



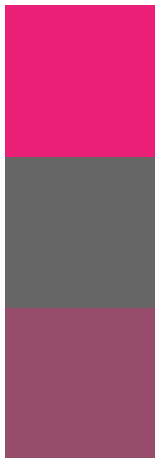
Original Color
52, 76.679, 4.061

Protanomaly
48, 42.114, 330.821

Deuteranomaly
49, 38.895, 4.871

Tritanomaly
52, 76.200, 22.642

Monochromacy



Original Color
52, 76.679, 4.061

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 35.460, 353.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 76.679, 4.061 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, 31, 118)` looks like.

```
.text, #text, p{  
    color:rgb(236, 31, 118)  
}
```

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, 31, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 31, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 76.679, 4.061 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, 31, 118) }
```

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

```
.border{ border-color:rgb(236, 31, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 31, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 31, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 31, 118);  
box-shadow:4px 4px 4px 4px rgb(236, 31,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 76.679, 4.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 31, 118) }
```

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

```
.background{ background-color: rgb(236, 31,  
118) }
```

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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