

Converting Colors

CIELCh(52, 77.788, 4.587)

Have a look what the booklet for
CIELCh(52, 77.788, 4.587) contains.

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Color

CIELCh(52, 77.911, 4.576)

Conversions

Conversions Part 1

Format	Color
Hex	EE1A75
RGB	238, 26, 117
RGB Percent	93%, 10%, 46%
CMY	0.0675, 0.8995, 0.5418
CMYK	0.00, 0.89, 0.51, 0.07
HSL	334°, 86%, 52%
HSV	334°, 89%, 93%
XYZ	38.7551, 20.1443, 18.6268
YIQ	99.7620, 97.1410, 73.2450

Conversions

Conversions Part 2

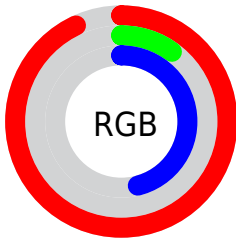
Format	Color
R_{YB}	238, 26, 117
Decimal	15604341
CIE _{Lab}	52.00, 77.66, 6.22
CIE _{LCh}	52, 77.911, 4.576
Yxy	20.1443, 0.4999, 0.2598
Android (android.graphics.Color)	4293794421 (0xFFEE1A75)
YUV	99.7620, 8.4983, 121.2347
Hunter-Lab	44.8824, 75.5868, 6.8115

Details

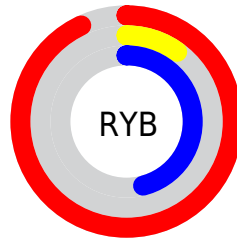
The CIELCh color **52, 77.911, 4.576** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **84, 74.006, 155.017**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 64.486, 355.010**, and **37, 63.986, 11.994** is the 20% darker color. If you saturate the color by 10%, you get **51, 80.049, 9.272**, and if you desaturate by 10%, it is **54, 74.014, 0.749**.

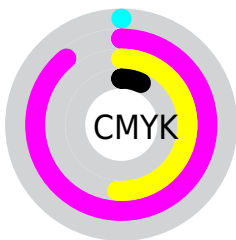
Distribution



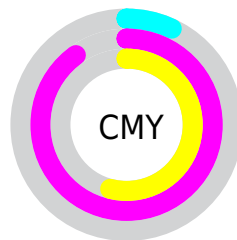
- Red (93%)
- Green (10%)
- Blue (46%)



- Red (93%)
- Yellow (10%)
- Blue (46%)



- Cyan (0%)
- Magenta (89%)
- Yellow (51%)
- Black (7%)




- Cyan (7%)
- Magenta (90%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 77.911, 4.576 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, 77.911, 4.576 by changing the saturation by 10% instead.

 52, 77.911, 4.576  52, 77.911, 4.576

 100, 77.911, 4.576  42, 77.911, 4.576

 72, 77.911, 4.576  32, 77.911, 4.576

 82, 77.911, 4.576  22, 77.911, 4.576

 92, 77.911, 4.576  12, 77.911, 4.576

 2, 77.911, 4.576

 0, 77.911, 4.576

 52, 77.911, 4.576  52, 77.911, 4.576

 51, 80.049, 9.272  54, 74.014, 0.749

 51, 80.208, 9.648  57, 68.004,

357.736

61, 60.125,
355.357

66, 50.871,
353.447

71, 40.775,
351.876

76, 30.288,
350.552

82, 19.740,
349.406

88, 9.346, 348.381

95, 0.766, 168.187

Harmonies

Complementary

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



52, 77.911, 4.576



84, 74.006, 155.017

Rectangle

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



52, 77.911, 4.576



52, 77.911, 54.576



52, 77.911, 184.576



52, 77.911, 234.576

Sweetspot

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



52, 77.907, 4.577



83, 29.568, 350.296



43, 112.049, 314.048



42, 19.970, 350.713



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, 77.907, 4.577



54, 84.581, 9.861



52, 91.163, 38.680



47, 5.797, 348.407



39, 66.016, 8.737



8, 28.953, 1.116

Inverse Universe

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



52, 77.907, 4.577



54, 84.581, 9.861



82, 43.192, 206.792



47, 5.797, 348.407



39, 66.016, 8.737



8, 28.953, 1.116

Previews

White Background



This preview shows how the CIELCh color 52, 77.911, 4.576 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, 77.911, 4.576 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, 77.911, 4.576

Background



This preview shows how black text looks on a background with the CIELCh color 52, 77.911, 4.576.



This preview shows how white text looks on a background with the CIELCh color 52, 77.911, 4.576.

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, 77.911, 4.576

Protanopia

52, 25.067, 285.529

Deuteranopia

52, 12.471, 56.988



Tritanopia
52, 81.542, 33.201

Trichromacy



Original Color
52, 77.911, 4.576



Protanomaly
47, 42.966, 331.266



Deuteranomaly
48, 39.803, 4.731



Tritanomaly
52, 77.987, 23.124

Monochromacy



Original Color
52, 77.911, 4.576



Achromatopsia
42, 0.006, 296.813



Achromatomaly
41, 36.449, 353.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 77.911, 4.576 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(238, 26, 117)` looks like.

```
.text, #text, p{  
    color:rgb(238, 26, 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(238, 26, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 26, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 77.911, 4.576 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(238, 26, 117) }
```

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

```
.border{ border-color:rgb(238, 26, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 26, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 26, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 26, 117);  
box-shadow:4px 4px 4px 4px rgb(238, 26,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 77.911, 4.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 26, 117) }
```

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

```
.background{ background-color: rgb(238, 26,  
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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