

Converting Colors

CIELCh(52, 66.151, 351.079)

Have a look what the booklet for
CIELCh(52, 66.151, 351.079)
contains.

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Color

CIELCh(52, 66.257, 351.324)

Conversions

Conversions Part 1

Format	Color
Hex	D83F8F
RGB	216, 63, 143
RGB Percent	85%, 25%, 56%
CMY	0.1528, 0.7528, 0.4391
CMYK	0.00, 0.71, 0.34, 0.15
HSL	329°, 66%, 55%
HSV	329°, 71%, 85%
XYZ	35.0645, 20.1443, 28.0350
YIQ	117.8670, 65.5080, 57.3160

Conversions

Conversions Part 2

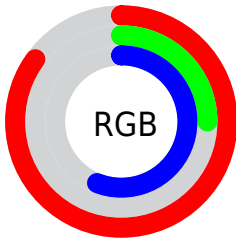
Format	Color
R _Y B	216, 63, 143
Decimal	14172047
CIE Lab	52.00, 65.50, -9.99
CIE LCh	52, 66.257, 351.324
Yxy	20.1443, 0.4212, 0.2420
Android (android.graphics.Color)	4292362127 (0xFFD83F8F)
YUV	117.8670, 12.3906, 86.0626
Hunter-Lab	44.8824, 60.9092, -5.6167

Details

The CIELCh color **52, 66.257, 351.324** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **77, 64.123, 153.876**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 60.720, 345.596**, and **34, 60.755, 353.122** is the 20% darker color. If you saturate the color by 10%, you get **49, 71.264, 353.775**, and if you desaturate by 10%, it is **55, 59.252, 349.365**.

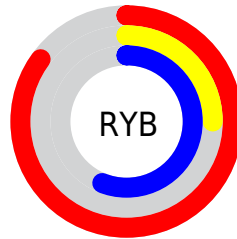
Distribution



Red (85%)

Green (25%)

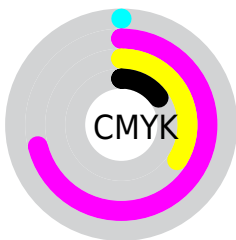
Blue (56%)



Red (85%)

Yellow (25%)

Blue (56%)

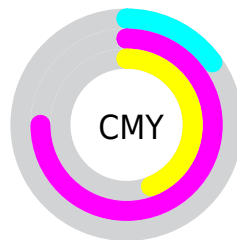


Cyan (0%)

Magenta (71%)

Yellow (34%)

Black (15%)



Cyan (15%)


Magenta (75%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 66.257, 351.324 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, 66.257, 351.324 by changing the saturation by 10% instead.


 52, 66.257,
351.324


 52, 66.257,
351.324


 100, 66.257,
351.324


 42, 66.257,
351.324


 72, 66.257,
351.324

 32, 66.257,
351.324

 82, 66.257,
351.324

 22, 66.257,
351.324

 92, 66.257,
351.324

 12, 66.257,
351.324

 2, 66.257, 351.324

 0, 66.257, 351.324

■ 52, 66.257,
351.324

■ 52, 66.257,
351.324

■ 49, 71.264,
353.775

■ 55, 59.252,
349.365

■ 48, 74.041,
356.872

■ 60, 50.737,
347.761

■ 47, 75.025, 0.309

■ 64, 41.234,
346.413


■ 69, 31.198,
345.251

■ 75, 20.974,
344.225

■ 80, 10.797,
343.294

■ 86, 0.814, 341.991

■ 92, 8.891, 161.802

 97, 16.847,
162.736

Harmonies

Complementary

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



52, 66.257, 351.324



77, 64.123, 153.876

Rectangle

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



52, 66.257, 351.324



52, 66.257, 41.324



52, 66.257, 171.324



52, 66.257, 221.324

Sweetspot

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



52, 66.254, 351.325



86, 24.209, 344.261



44, 89.079, 311.567



44, 16.416, 344.537



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, 66.254, 351.325



57, 82.652, 355.227



50, 67.674, 28.585



42, 5.615, 343.168



37, 63.096, 359.593



5, 23.772, 352.716

Inverse Universe

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



52, 66.254, 351.325



57, 82.652, 355.227



79, 40.857, 192.712



42, 5.615, 343.168



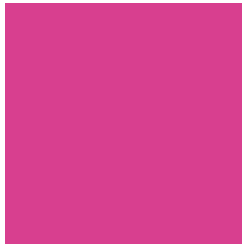
37, 63.096, 359.593



5, 23.772, 352.716

Previews

White Background



This preview shows how the CIELCh color 52, 66.257, 351.324 looks on a white background.

Color Contrast Check

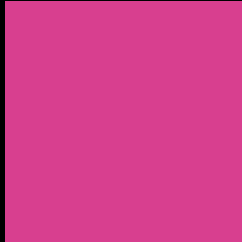
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66.257, 351.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

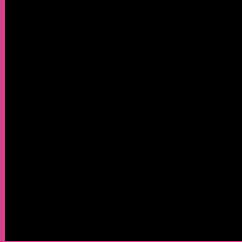
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 66.257, 351.324

Background



This preview shows how black text looks on a background with the CIELCh color 52, 66.257, 351.324.



This preview shows how white text looks on a background with the CIELCh color 52, 66.257, 351.324.

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, 66.257, 351.324

Protanopia

52, 35.571, 285.044

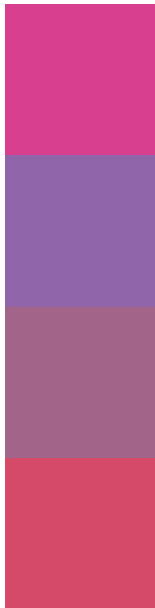
Deuteranopia

52, 9.241, 318.803



Tritanopia
52, 58.442, 25.669

Trichromacy



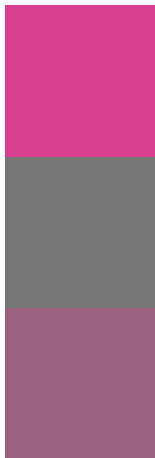
Original Color
52, 66.257, 351.324

Protanomaly
50, 42.545, 315.750

Deuteranomaly
50, 32.660, 341.721

Tritanomaly
52, 58.443, 12.235

Monochromacy



Original Color
52, 66.257, 351.324

Achromatopsia
50, 0.007, 296.813

Achromatomaly
48, 27.861, 346.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 66.257, 351.324 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(216, 63, 143)` looks like.

```
.text, #text, p{  
    color:rgb(216, 63, 143)  
}
```

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(216, 63, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 63, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 66.257, 351.324 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(216, 63, 143) }
```

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

```
.border{ border-color:rgb(216, 63, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 63, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 63, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 63, 143);  
box-shadow:4px 4px 4px 4px rgb(216, 63,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 66.257, 351.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 63, 143) }
```

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

```
.background{ background-color: rgb(216, 63,  
143) }
```

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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