

Converting Colors

CIELCh(52, 64.949, 353.826)

Have a look what the booklet for
CIELCh(52, 64.949, 353.826)
contains.

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Color

CIELCh(52, 64.986, 353.753)

Conversions

Conversions Part 1

Format	Color
Hex	D8408A
RGB	216, 64, 138
RGB Percent	85%, 25%, 54%
CMY	0.1524, 0.7484, 0.4583
CMYK	0.00, 0.70, 0.36, 0.15
HSL	331°, 66%, 55%
HSV	331°, 70%, 85%
XYZ	34.8015, 20.1443, 26.1468
YIQ	117.8840, 66.8380, 55.2380

Conversions

Conversions Part 2

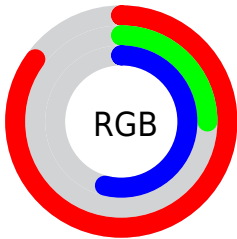
Format	Color
R _Y B	216, 64, 138
Decimal	14172298
CIE Lab	52.00, 64.60, -7.07
CIE LCh	52, 64.986, 353.753
Yxy	20.1443, 0.4292, 0.2484
Android (android.graphics.Color)	4292362378 (0xFFD8408A)
YUV	117.8840, 9.9172, 86.0477
Hunter-Lab	44.8824, 59.8634, -3.1223

Details

The CIELCh color **52, 64.986, 353.753** 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, 61.680, 155.800**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 58.731, 348.441**, and **34, 59.803, 355.557** is the 20% darker color. If you saturate the color by 10%, you get **49, 70.189, 356.422**, and if you desaturate by 10%, it is **56, 57.884, 351.633**.

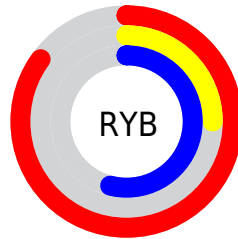
Distribution



Red (85%)

Green (25%)

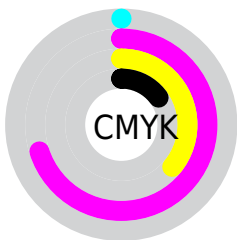
Blue (54%)



Red (85%)

Yellow (25%)

Blue (54%)

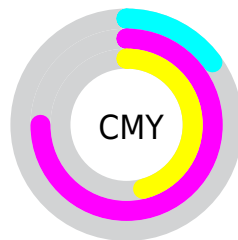


Cyan (0%)

Magenta (70%)

Yellow (36%)

Black (15%)



Cyan (15%)


Magenta (75%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 64.986, 353.753 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, 64.986, 353.753 by changing the saturation by 10% instead.


 52, 64.986,
353.753


 52, 64.986,
353.753


 100, 64.986,
353.753


 42, 64.986,
353.753


 72, 64.986,
353.753

 32, 64.986,
353.753

 82, 64.986,
353.753

 22, 64.986,
353.753

 92, 64.986,
353.753

 12, 64.986,
353.753

 2, 64.986, 353.753

 0, 64.986, 353.753

■ 52, 64.986,
353.753

■ 52, 64.986,
353.753

■ 49, 70.189,
356.422

■ 56, 57.884,
351.633

■ 48, 73.263,
359.803

■ 60, 49.364,
349.910

■ 47, 74.627, 3.782

■ 64, 39.936,
348.476


■ 69, 30.038,
347.250

■ 75, 20.002,
346.178

■ 80, 10.047,
345.210

■ 86, 0.310, 342.998

■ 92, 9.135, 163.678

 97, 16.134,
165.794

Harmonies

Complementary

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



52, 64.986, 353.753



77, 61.680, 155.800

Rectangle

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



52, 64.986, 353.753



52, 64.986, 43.753



52, 64.986, 173.753



52, 64.986, 223.753

Sweetspot

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



52, 64.983, 353.754



86, 23.661, 346.267



45, 88.420, 312.450



44, 16.050, 346.556



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, 64.983, 353.754



57, 81.372, 357.836



50, 68.389, 30.611



42, 5.481, 345.126



36, 62.684, 2.992



5, 23.398, 355.161

Inverse Universe

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



52, 64.983, 353.754



57, 81.372, 357.836



79, 39.990, 196.663



42, 5.481, 345.126



36, 62.684, 2.992



5, 23.398, 355.161

Previews

White Background



This preview shows how the CIELCh color 52, 64.986, 353.753 looks on a white background.

Color Contrast Check

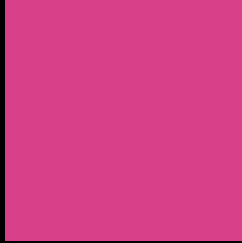
Large Text (above 18pt) WCAG AA ✓ Pass

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, 64.986, 353.753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

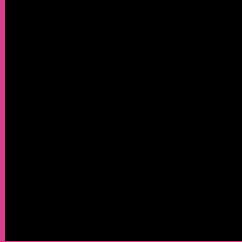
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 64.986, 353.753

Background



This preview shows how black text looks on a background with the CIELCh color 52, 64.986, 353.753.

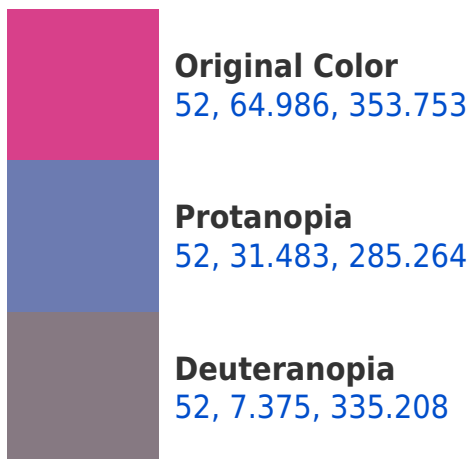


This preview shows how white text looks on a background with the CIELCh color 52, 64.986, 353.753.

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](#).

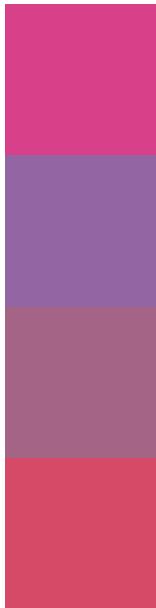
Dichromacy





Tritanopia
52, 58.926, 25.829

Trichromacy



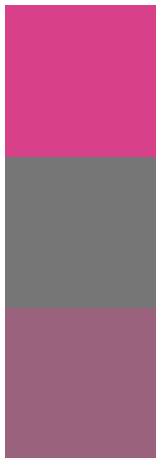
Original Color
52, 64.986, 353.753

Protanomaly
50, 39.022, 318.490

Deuteranomaly
50, 31.411, 346.515

Tritanomaly
52, 58.897, 13.534

Monochromacy



Original Color
52, 64.986, 353.753

Achromatopsia
50, 0.007, 296.813

Achromatomaly
48, 27.293, 348.130

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 64.986, 353.753 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, 64, 138)` looks like.

```
.text, #text, p{  
    color:rgb(216, 64, 138)  
}
```

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, 64, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 64, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 64.986, 353.753 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, 64, 138) }
```

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

```
.border{ border-color:rgb(216, 64, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 64, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 64, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 64, 138);  
box-shadow:4px 4px 4px 4px rgb(216, 64,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 64.986, 353.753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 64, 138) }
```

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

```
.background{ background-color: rgb(216, 64,  
138) }
```

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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