

Converting Colors

CIELCh(52, 65.693, 351.896)

Have a look what the booklet for
CIELCh(52, 65.693, 351.896)
contains.

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Color

CIELCh(52, 65.693, 351.896)

Conversions

Conversions Part 1

Format	Color
Hex	D8408E
RGB	216, 64, 142
RGB Percent	85%, 25%, 56%
CMY	0.1539, 0.7500, 0.4440
CMYK	0.00, 0.70, 0.34, 0.15
HSL	329°, 66%, 55%
HSV	329°, 70%, 85%
XYZ	34.9292, 20.1443, 27.5527
YIQ	118.3400, 65.5540, 56.4820

Conversions

Conversions Part 2

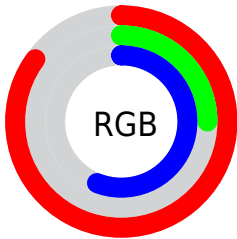
Format	Color
R_{YB}	216, 64, 142
Decimal	14172302
CIE _{Lab}	52.00, 65.04, -9.26
CIE _{LCh}	52, 65.693, 351.896
Yxy	20.1443, 0.4227, 0.2438
Android (android.graphics.Color)	4292362382 (0xFFD8408E)
YUV	118.3400, 11.6644, 85.6478
Hunter-Lab	44.8824, 60.3711, -4.9796

Details

The CIELCh color **52, 65.693, 351.896** 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, 63.244, 154.410**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 59.946, 346.173**, and **34, 60.592, 353.668** is the 20% darker color. If you saturate the color by 10%, you get **49, 70.793, 354.390**, and if you desaturate by 10%, it is **55, 58.631, 349.905**.

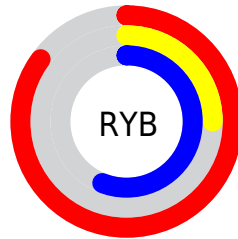
Distribution



Red (85%)

Green (25%)

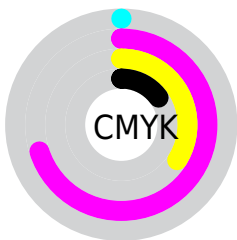
Blue (56%)



Red (85%)

Yellow (25%)

Blue (56%)

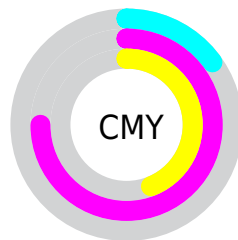


Cyan (0%)

Magenta (70%)

Yellow (34%)

Black (15%)



Cyan (15%)


Magenta (75%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 65.693, 351.896 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, 65.693, 351.896 by changing the saturation by 10% instead.


 52, 65.693,
351.896


 52, 65.693,
351.896


 100, 65.693,
351.896


 42, 65.693,
351.896


 72, 65.693,
351.896

 32, 65.693,
351.896

 82, 65.693,
351.896

 22, 65.693,
351.896

 92, 65.693,
351.896

 12, 65.693,
351.896

 2, 65.693, 351.896

 0, 65.693, 351.896

■ 52, 65.693,
351.896

■ 52, 65.693,
351.896

■ 49, 70.793,
354.390

■ 55, 58.631,
349.905

■ 48, 73.693,
357.544

■ 60, 50.098,
348.277

■ 47, 74.810, 1.203

■ 64, 40.610,
346.912


■ 69, 30.615,
345.737

■ 75, 20.452,
344.702

■ 80, 10.349,
343.764

■ 86, 0.449, 342.029

■ 92, 9.169, 162.264

 97, 16.773,
163.566

Harmonies

Complementary

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



52, 65.693, 351.896



77, 63.244, 154.410

Rectangle

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



52, 65.693, 351.896



52, 65.693, 41.896



52, 65.693, 171.896



52, 65.693, 221.896

Sweetspot

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



52, 65.690, 351.897



86, 24.063, 344.775



44, 88.506, 312.002



44, 16.318, 345.055



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, 65.690, 351.897



57, 82.386, 355.986



50, 67.820, 29.568



42, 5.580, 343.669



37, 62.964, 0.472



5, 23.668, 353.361

Inverse Universe

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



52, 65.690, 351.897



57, 82.386, 355.986



79, 40.319, 194.677



42, 5.580, 343.669



37, 62.964, 0.472



5, 23.668, 353.361

Previews

White Background



This preview shows how the CIELCh color 52, 65.693, 351.896 looks on a white background.

Color Contrast Check

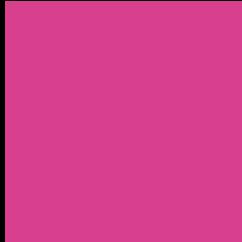
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 52, 65.693, 351.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

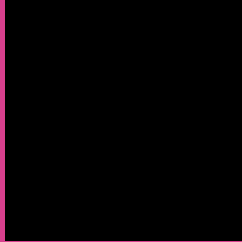
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 65.693, 351.896

Background



This preview shows how black text looks on a background with the CIELCh color 52, 65.693, 351.896.

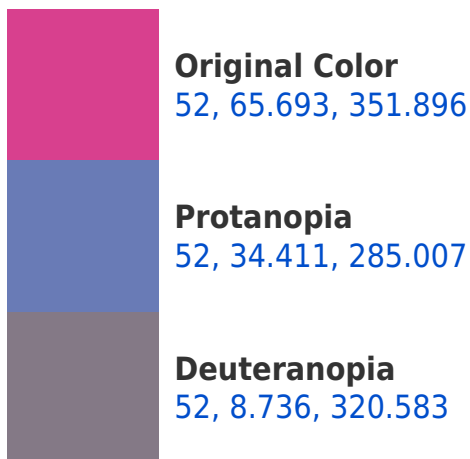


This preview shows how white text looks on a background with the CIELCh color 52, 65.693, 351.896.

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](#).

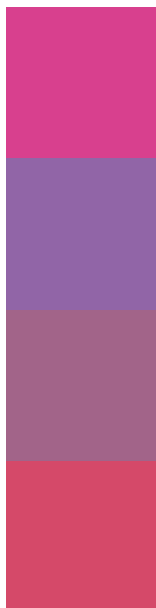
Dichromacy





Tritanopia
52, 58.442, 25.669

Trichromacy



Original Color
52, 65.693, 351.896

Protanomaly
50, 41.510, 316.340

Deuteranomaly
50, 32.055, 342.008

Tritanomaly
52, 58.443, 12.235

Monochromacy



Original Color
52, 65.693, 351.896

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, 65.693, 351.896 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(216, 64, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 64, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 65.693, 351.896 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, 142) }
```

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

```
.border{ border-color:rgb(216, 64, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 64, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 64, 142);  
box-shadow:4px 4px 4px 4px rgb(216, 64,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 65.693, 351.896 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, 142) }
```

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

```
.background{ background-color: rgb(216, 64,  
142) }
```

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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