

Converting Colors

CIELCh(52, 72.826, 344.548)

Have a look what the booklet for
CIELCh(52, 72.826, 344.548)
contains.

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Color

CIELCh(52, 72.767, 344.625)

Conversions

Conversions Part 1

Format	Color
Hex	DA389F
RGB	218, 56, 159
RGB Percent	85%, 22%, 62%
CMY	0.1463, 0.7818, 0.3776
CMYK	0.00, 0.74, 0.27, 0.15
HSL	322°, 68%, 54%
HSV	322°, 74%, 85%
XYZ	36.4505, 20.1443, 34.6415
YIQ	116.1800, 63.4890, 66.3770

Conversions

Conversions Part 2

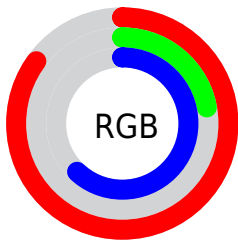
Format	Color
RYB	218, 56, 159
Decimal	14301343
CIELab	52.00, 70.16, -19.29
CIElCh	52, 72.767, 344.625
Yxy	20.1443, 0.3995, 0.2208
Android (android.graphics.Color)	4292491423 (0xFFDA389F)
YUV	116.1800, 21.1103, 89.2961
Hunter-Lab	44.8824, 66.4214, -14.3440

Details

The CIELCh color **52, 72.767, 344.625** 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, 74.123, 148.177**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 68.242, 338.504**, and **35, 63.919, 346.642** is the 20% darker color. If you saturate the color by 10%, you get **50, 76.907, 346.466**, and if you desaturate by 10%, it is **55, 66.284, 343.114**.

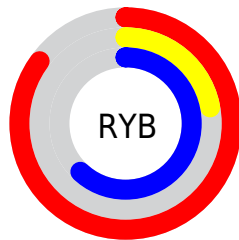
Distribution



Red (85%)

Green (22%)

Blue (62%)



Red (85%)

Yellow (22%)

Blue (62%)

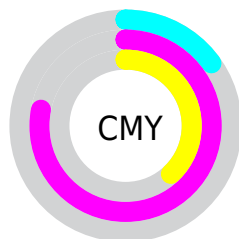


Cyan (0%)

Magenta (74%)

Yellow (27%)

Black (15%)



Cyan (15%)


Magenta (78%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 72.767, 344.625 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, 72.767, 344.625 by changing the saturation by 10% instead.


 52, 72.767,
344.625

 52, 72.767,
344.625


 100, 72.767,
344.625


 42, 72.767,
344.625


 72, 72.767,
344.625

 32, 72.767,
344.625

 82, 72.767,
344.625

 22, 72.767,
344.625

 92, 72.767,
344.625

 12, 72.767,
344.625

 2, 72.767, 344.625

 0, 72.767, 344.625

■ 52, 72.767,
344.625

■ 52, 72.767,
344.625

■ 50, 76.907,
346.466

■ 55, 66.284,
343.114

■ 48, 78.566,
348.745

■ 59, 57.915,
341.840

■ 48, 78.759,
350.184

■ 63, 48.210,
340.735


■ 68, 37.684,
339.753

■ 73, 26.756,
338.861

■ 79, 15.724,
338.037

■ 84, 4.791, 337.229

■ 90, 5.920, 156.673

 96, 16.342,
155.979

Harmonies

Complementary

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



52, 72.767, 344.625



77, 74.123, 148.177

Rectangle

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



52, 72.767, 344.625



52, 72.767, 34.625



52, 72.767, 164.625



52, 72.767, 214.625

Sweetspot

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



52, 72.764, 344.626



86, 27.368, 338.671



40, 94.445, 308.835



44, 18.405, 338.904



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, 72.764, 344.626



57, 88.004, 347.626



50, 67.842, 21.545



43, 6.196, 337.641



38, 66.661, 349.724



6, 26.905, 345.091

Inverse Universe

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



52, 72.764, 344.626



57, 88.004, 347.626



79, 46.196, 179.752



43, 6.196, 337.641



38, 66.661, 349.724



6, 26.905, 345.091

Previews

White Background



This preview shows how the CIELCh color 52, 72.767, 344.625 looks on a white background.

Color Contrast Check

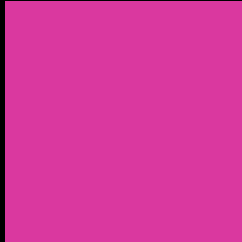
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.767, 344.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

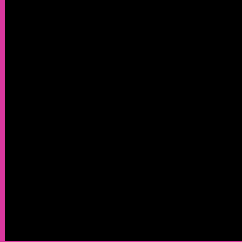
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 72.767, 344.625

Background



This preview shows how black text looks on a background with the CIELCh color 52, 72.767, 344.625.

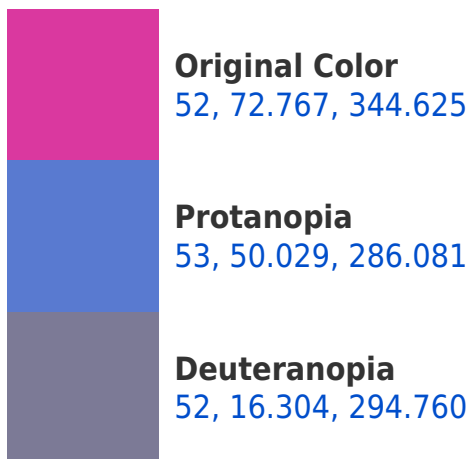


This preview shows how white text looks on a background with the CIELCh color 52, 72.767, 344.625.

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, 58.629, 26.196

Trichromacy



Original Color
52, 72.767, 344.625



Protanomaly
49, 55.104, 308.829



Deuteranomaly
50, 38.643, 328.905

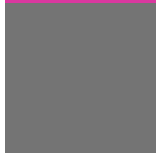


Tritanomaly
52, 59.404, 8.555

Monochromacy



Original Color
52, 72.767, 344.625



Achromatopsia
49, 0.007, 296.813



Achromatomaly
48, 31.777, 339.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 72.767, 344.625 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(218, 56, 159)` looks like.

```
.text, #text, p{  
    color:rgb(218, 56, 159)  
}
```

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(218, 56, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 56, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 72.767, 344.625 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(218, 56, 159) }
```

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

```
.border{ border-color:rgb(218, 56, 159) }
```

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

Here you see how a box with a 4 pixel rgb(218, 56, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 56, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 56, 159);  
box-shadow:4px 4px 4px 4px rgb(218, 56,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 72.767, 344.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 56, 159) }
```

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

```
.background{ background-color: rgb(218, 56,  
159) }
```

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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