

Converting Colors

CIELCh(50, 74.646, 348.544)

Have a look what the booklet for
CIELCh(50, 74.646, 348.544)
contains.

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Color

CIELCh(50, 74.709, 348.625)

Conversions

Conversions Part 1

Format	Color
Hex	DA2792
RGB	218, 39, 146
RGB Percent	85%, 15%, 57%
CMY	0.1453, 0.8473, 0.4276
CMYK	0.00, 0.82, 0.33, 0.15
HSL	324°, 71%, 50%
HSV	324°, 82%, 85%
XYZ	34.8076, 18.4187, 28.8977
YIQ	104.7190, 72.3370, 71.2250

Conversions

Conversions Part 2

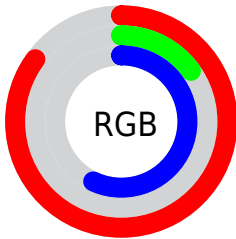
Format	Color
R _Y B	218, 39, 146
Decimal	14296978
CIE Lab	50.00, 73.24, -14.73
CIE LCh	50, 74.709, 348.625
Yxy	18.4187, 0.4238, 0.2243
Android (android.graphics.Color)	4292487058 (0xFFDA2792)
YUV	104.7190, 20.3515, 99.3474
Hunter-Lab	42.9170, 69.6668, -9.8804

Details

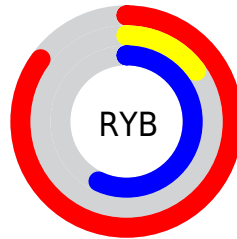
The CIELCh color **50, 74.709, 348.625** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **77, 77.142, 148.267**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 69.530, 342.676**, and **34, 61.274, 352.383** is the 20% darker color. If you saturate the color by 10%, you get **48, 76.960, 351.131**, and if you desaturate by 10%, it is **52, 70.026, 346.619**.

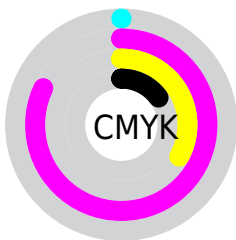
Distribution



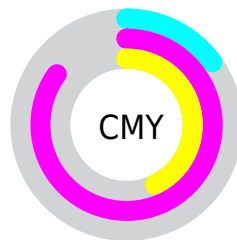
- Red (85%)
- Green (15%)
- Blue (57%)



- Red (85%)
- Yellow (15%)
- Blue (57%)



- Cyan (0%)
- Magenta (82%)
- Yellow (33%)
- Black (15%)





- Cyan (15%)
- Magenta (85%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 74.709, 348.625 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 50, 74.709, 348.625 by changing the saturation by 10% instead.


 50, 74.709,
348.625


 50, 74.709,
348.625


 100, 74.709,
348.625

 40, 74.709,
348.625


 70, 74.709,
348.625

 30, 74.709,
348.625

 80, 74.709,
348.625


 20, 74.709,
348.625

 90, 74.709,
348.625

 10, 74.709,
348.625

 0, 74.709, 348.625

 50, 74.709,
348.625

 50, 74.709,
348.625

48, 76.960,
351.131

52, 70.026,
346.619

48, 77.403,
353.463

56, 63.147,
344.986

60, 54.552,
343.621

64, 44.789,
342.449

69, 34.350,
341.417

75, 23.615,
340.488

80, 12.854,
339.634

86, 2.240, 338.716

92, 8.125, 158.228

Harmonies

Complementary

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



50, 74.709, 348.625



77, 77.142, 148.267

Rectangle

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



50, 74.709, 348.625



50, 74.709, 38.625



50, 74.709, 168.625



50, 74.709, 218.625

Sweetspot

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



50, 74.705, 348.626



84, 30.337, 340.766



38, 101.926, 310.198



43, 20.712, 341.094



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50, 74.705, 348.626



56, 86.989, 353.463



48, 75.970, 28.492



43, 6.030, 339.411



38, 65.439, 352.925



6, 26.304, 347.592

Inverse Universe

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



50, 74.705, 348.626



56, 86.989, 353.463



79, 46.239, 184.160



43, 6.030, 339.411



38, 65.439, 352.925



6, 26.304, 347.592

Previews

White Background



This preview shows how the CIELCh color 50, 74.709, 348.625 looks on a white background.

Color Contrast Check

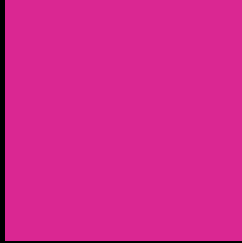
Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 74.709, 348.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

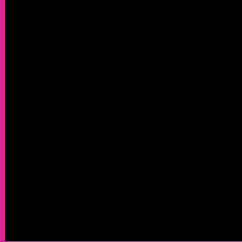
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 74.709, 348.625

Background



This preview shows how black text looks on a background with the CIELCh color 50, 74.709, 348.625.



This preview shows how white text looks on a background with the CIELCh color 50, 74.709, 348.625.

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



Original Color

50, 74.709, 348.625

Protanopia

51, 48.619, 286.323

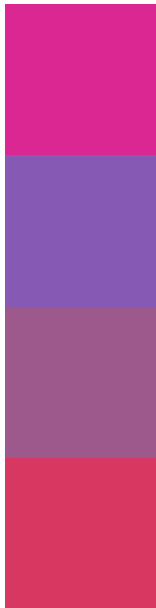
Deuteranopia

50, 11.966, 302.664



Tritanopia
50, 65.309, 28.363

Trichromacy



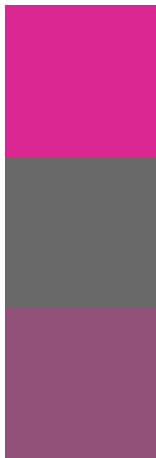
Original Color
50, 74.709, 348.625

Protanomaly
46, 55.436, 311.439

Deuteranomaly
47, 39.142, 335.813

Tritanomaly
50, 64.889, 12.269

Monochromacy



Original Color
50, 74.709, 348.625

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 34.155, 342.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 74.709, 348.625 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, 39, 146)` looks like.

```
.text, #text, p{  
    color:rgb(218, 39, 146)  
}
```

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, 39, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 39, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 74.709, 348.625 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, 39, 146) }
```

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

```
.border{ border-color:rgb(218, 39, 146) }
```

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

Here you see how a box with a 4 pixel rgb(218, 39, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 39, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 39, 146);  
box-shadow:4px 4px 4px 4px rgb(218, 39,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 74.709, 348.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 39, 146) }
```

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

```
.background{ background-color: rgb(218, 39,  
146) }
```

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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