

Converting Colors

CIELCh(50, 73.226, 347.669)

Have a look what the booklet for
CIELCh(50, 73.226, 347.669)
contains.

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Color

CIELCh(50, 73.114, 347.740)

Conversions

Conversions Part 1

Format	Color
Hex	D72C93
RGB	215, 44, 147
RGB Percent	84%, 17%, 58%
CMY	0.1560, 0.8262, 0.4227
CMYK	0.00, 0.79, 0.32, 0.16
HSL	324°, 68%, 51%
HSV	324°, 79%, 84%
XYZ	34.2862, 18.4187, 29.4343
YIQ	106.8710, 68.8530, 68.2850

Conversions

Conversions Part 2

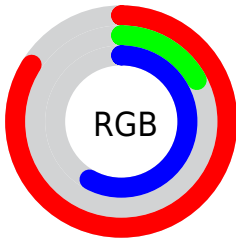
Format	Color
R _Y B	215, 44, 147
Decimal	14101651
CIE Lab	50.00, 71.45, -15.53
CIE LCh	50, 73.114, 347.740
Yxy	18.4187, 0.4174, 0.2242
Android (android.graphics.Color)	4292291731 (0xFFD72C93)
YUV	106.8710, 19.7836, 94.8291
Hunter-Lab	42.9170, 67.4984, -10.6218

Details

The CIELCh color **50, 73.114, 347.740** 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 **76, 74.844, 148.644**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 68.357, 342.565**, and **34, 60.954, 350.824** is the 20% darker color. If you saturate the color by 10%, you get **48, 76.006, 350.058**, and if you desaturate by 10%, it is **53, 67.834, 345.877**.

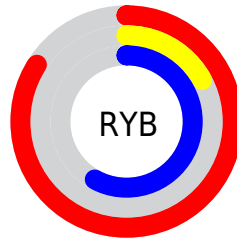
Distribution



Red (84%)

Green (17%)

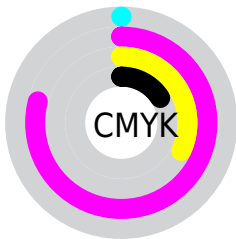
Blue (58%)



Red (84%)

Yellow (17%)

Blue (58%)

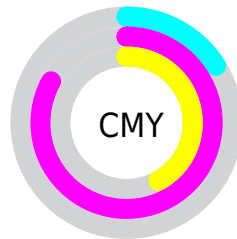


Cyan (0%)

Magenta (79%)

Yellow (32%)

Black (16%)



Cyan (16%)


Magenta (83%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 73.114, 347.740 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, 73.114, 347.740 by changing the saturation by 10% instead.


 50, 73.114,
347.740


 50, 73.114,
347.740


 100, 73.114,
347.740


 40, 73.114,
347.740


 70, 73.114,
347.740


 30, 73.114,
347.740


 80, 73.114,
347.740


 20, 73.114,
347.740

 90, 73.114,
347.740

 10, 73.114,
347.740

 0, 73.114, 347.740

 50, 73.114,
347.740

 50, 73.114,
347.740

48, 76.006,
350.058

53, 67.834,
345.877

47, 76.794,
352.898

56, 60.491,
344.347

47, 76.825,
353.072

60, 51.596,
343.057

65, 41.683,
341.939

70, 31.213,
340.946

75, 20.531,
340.047

81, 9.876, 339.211

86, 0.602, 159.150

92, 10.814,
157.840

Harmonies

Complementary

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



50, 73.114, 347.740



76, 74.844, 148.644

Rectangle

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



50, 73.114, 347.740



50, 73.114, 37.740



50, 73.114, 167.740



50, 73.114, 217.740

Sweetspot

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



50, 73.111, 347.741



85, 29.195, 340.470



38, 98.535, 309.777



43, 20.075, 340.798



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, 73.111, 347.741



56, 87.092, 351.867



48, 72.331, 26.088



42, 5.932, 339.211



37, 64.858, 352.531



5, 24.815, 347.213

Inverse Universe

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



50, 73.111, 347.741



56, 87.092, 351.867



78, 45.841, 182.615



42, 5.932, 339.211



37, 64.858, 352.531



5, 24.815, 347.213

Previews

White Background



This preview shows how the CIELCh color 50, 73.114, 347.740 looks on a white background.

Color Contrast Check

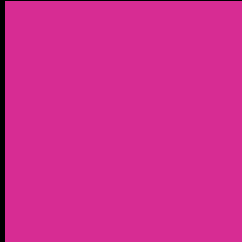
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 50, 73.114, 347.740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

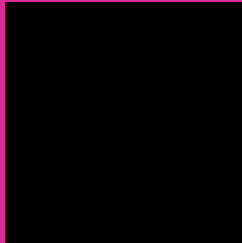
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 73.114, 347.740

Background



This preview shows how black text looks on a background with the CIELCh color 50, 73.114, 347.740.

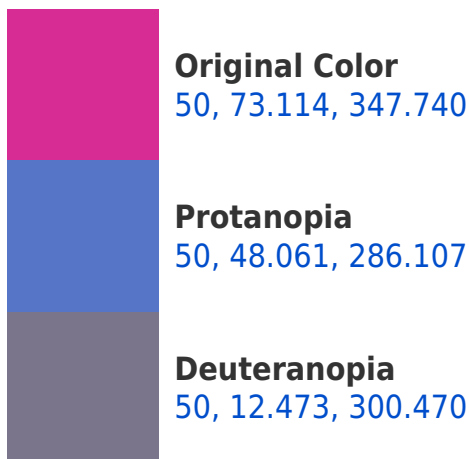


This preview shows how white text looks on a background with the CIELCh color 50, 73.114, 347.740.

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](#).

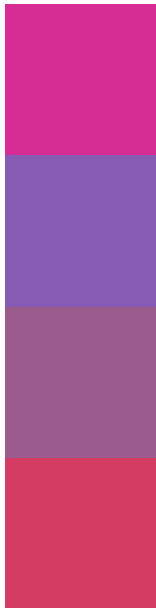
Dichromacy





Tritanopia
50, 62.658, 27.653

Trichromacy



Original Color
50, 73.114, 347.740

Protanomaly
47, 54.101, 310.685

Deuteranomaly
48, 37.813, 334.410

Tritanomaly
50, 62.593, 11.498

Monochromacy



Original Color
50, 73.114, 347.740

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 32.912, 341.574

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 73.114, 347.740 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(215, 44, 147)` looks like.

```
.text, #text, p{  
    color:rgb(215, 44, 147)  
}
```

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(215, 44, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 44, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 73.114, 347.740 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(215, 44, 147) }
```

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

```
.border{ border-color:rgb(215, 44, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 44, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 44, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 44, 147);  
box-shadow:4px 4px 4px 4px rgb(215, 44,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 73.114, 347.740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 44, 147) }
```

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

```
.background{ background-color: rgb(215, 44,  
147) }
```

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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