

Converting Colors

CIELCh(50, 72.805, 347.875)

Have a look what the booklet for
CIELCh(50, 72.805, 347.875)
contains.

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Color

CIELCh(50, 72.833, 347.803)

Conversions

Conversions Part 1

Format	Color
Hex	D72D93
RGB	215, 45, 147
RGB Percent	84%, 18%, 58%
CMY	0.1570, 0.8237, 0.4237
CMYK	0.00, 0.79, 0.32, 0.16
HSL	324°, 68%, 51%
HSV	324°, 79%, 84%
XYZ	34.2118, 18.4187, 29.3403
YIQ	107.4580, 68.5780, 67.7620

Conversions

Conversions Part 2

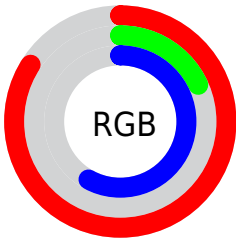
Format	Color
R _Y B	215, 45, 147
Decimal	14101907
CIE Lab	50.00, 71.19, -15.39
CIE LCh	50, 72.833, 347.803
Yxy	18.4187, 0.4174, 0.2247
Android (android.graphics.Color)	4292291987 (0xFFD72D93)
YUV	107.4580, 19.4942, 94.3143
Hunter-Lab	42.9170, 67.1890, -10.4919

Details

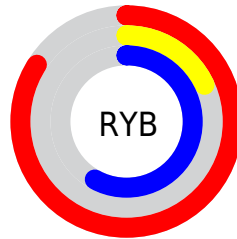
The CIELCh color **50, 72.833, 347.803** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **76, 74.420, 148.791**, and the grayscale version is **45, 0.006, 296.813**.

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, 75.804, 350.120**, and if you desaturate by 10%, it is **53, 67.485, 345.941**.

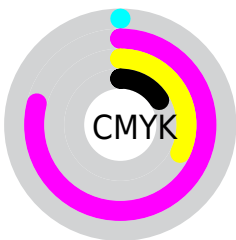
Distribution



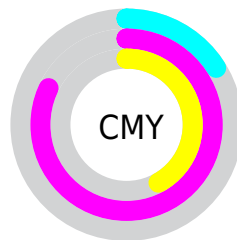
- Red (84%)
- Green (18%)
- Blue (58%)



- Red (84%)
- Yellow (18%)
- Blue (58%)



- Cyan (0%)
- Magenta (79%)
- Yellow (32%)
- Black (16%)




- Cyan (16%)
- Magenta (82%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 72.833, 347.803 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, 72.833, 347.803 by changing the saturation by 10% instead.


 50, 72.833,
347.803


 50, 72.833,
347.803


 100, 72.833,
347.803


 40, 72.833,
347.803


 70, 72.833,
347.803

 30, 72.833,
347.803


 80, 72.833,
347.803


 20, 72.833,
347.803

 90, 72.833,
347.803

 10, 72.833,
347.803

 0, 72.833, 347.803

 50, 72.833,
347.803

 50, 72.833,
347.803

48, 75.804,
350.120

53, 67.485,
345.941

47, 76.639,
352.967

56, 60.094,
344.412

47, 76.688,
353.239

60, 51.173,
343.122

65, 41.255,
342.004

70, 30.795,
341.012

75, 20.135,
340.113

81, 9.508, 339.276

86, 0.937, 158.984

92, 11.115,
157.906

Harmonies

Complementary

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



50, 72.833, 347.803



76, 74.420, 148.791

Rectangle

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



50, 72.833, 347.803



50, 72.833, 37.803



50, 72.833, 167.803



50, 72.833, 217.803

Sweetspot

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



50, 72.830, 347.804



85, 29.157, 340.565



38, 98.111, 309.768



43, 20.049, 340.894



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, 72.830, 347.804



56, 87.014, 352.028



48, 71.990, 25.946



42, 5.924, 339.303



37, 64.802, 352.697



5, 24.786, 347.345

Inverse Universe

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



50, 72.830, 347.804



56, 87.014, 352.028



78, 45.711, 182.653



42, 5.924, 339.303



37, 64.802, 352.697



5, 24.786, 347.345

Previews

White Background



This preview shows how the CIELCh color 50, 72.833, 347.803 looks on a white background.

Color Contrast Check

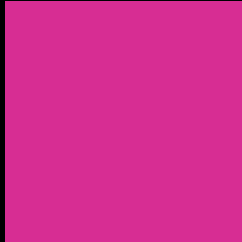
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.833, 347.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

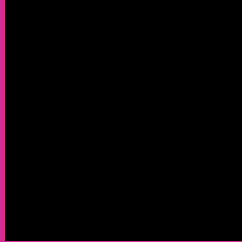
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 72.833, 347.803

Background



This preview shows how black text looks on a background with the CIELCh color 50, 72.833, 347.803.

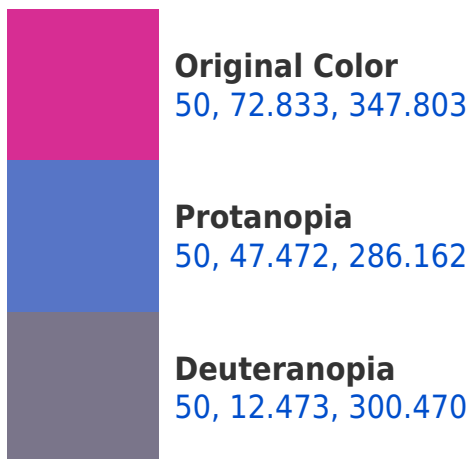


This preview shows how white text looks on a background with the CIELCh color 50, 72.833, 347.803.

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, 72.833, 347.803



Protanomaly
47, 53.611, 311.184



Deuteranomaly
48, 37.813, 334.410



Tritanomaly
50, 62.593, 11.498

Monochromacy



Original Color
50, 72.833, 347.803



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, 72.833, 347.803 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, 45, 147)` looks like.

```
.text, #text, p{  
    color:rgb(215, 45, 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, 45, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 45, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 72.833, 347.803 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, 45, 147) }
```

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

```
.border{ border-color:rgb(215, 45, 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, 45, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 45, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 45, 147);  
box-shadow:4px 4px 4px 4px rgb(215, 45,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 72.833, 347.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 45, 147) }
```

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

```
.background{ background-color: rgb(215, 45,  
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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