

Converting Colors

CIELCh(67, 49.118, 332.529)

Have a look what the booklet for
CIELCh(67, 49.118, 332.529)
contains.

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Color

CIELCh(67, 49.045, 332.502)

Conversions

Conversions Part 1

Format	Color
Hex	DD86CD
RGB	221, 134, 205
RGB Percent	87%, 53%, 80%
CMY	0.1350, 0.4761, 0.1977
CMYK	0.00, 0.39, 0.07, 0.14
HSL	311°, 56%, 69%
HSV	311°, 39%, 86%
XYZ	49.1264, 36.6320, 61.9752
YIQ	168.1070, 29.0610, 40.5250

Conversions

Conversions Part 2

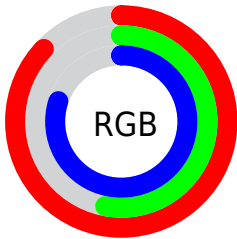
Format	Color
R _Y B	221, 134, 205
Decimal	14517965
CIE Lab	67.00, 43.50, -22.64
CIE LCh	67, 49.045, 332.502
Yxy	36.6320, 0.3325, 0.2480
Android (android.graphics.Color)	4292708045 (0xFFDD86CD)
YUV	168.1070, 18.1882, 46.3872
Hunter-Lab	60.5244, 38.9674, -18.3442

Details

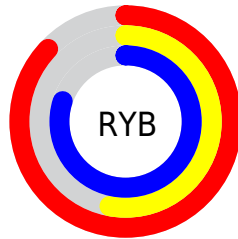
The CIELCh color $67, 49.045, 332.502$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $81, 48.946, 146.748$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $84, 41.380, 325.860$, and $47, 48.944, 332.202$ is the 20% darker color. If you saturate the color by 10%, you get $62, 60.481, 333.193$, and if you desaturate by 10%, it is $72, 36.862, 331.828$.

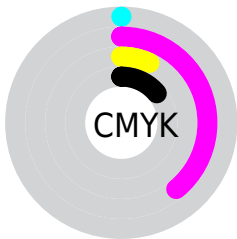
Distribution



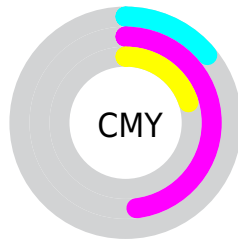
- Red (87%)
- Green (53%)
- Blue (80%)



- Red (87%)
- Yellow (53%)
- Blue (80%)



- Cyan (0%)
- Magenta (39%)
- Yellow (7%)
- Black (14%)



- Cyan (14%)
- Magenta (48%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 49.045, 332.502 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 67, 49.045, 332.502 by changing the saturation by 10% instead.

 67, 49.045,
332.502

 67, 49.045,
332.502

 100, 49.045,
332.502

 57, 49.045,
332.502

 87, 49.045,
332.502

 47, 49.045,
332.502

 97, 49.045,
332.502

 37, 49.045,
332.502

 27, 49.045,
332.502

 17, 49.045,
332.502

 7, 49.045, 332.502

 0, 49.045, 332.502

67, 49.045,
332.502

67, 49.045,
332.502

62, 60.481,
333.193

72, 36.862,
331.828

59, 70.676,
333.902

77, 24.336,
331.169

55, 79.062,
334.641

83, 11.752,
330.521

53, 85.124,
335.428

88, 0.699, 150.406

51, 88.548,
336.291

94, 12.898,
149.376

50, 89.592,
337.256

97, 18.133,
151.128

50, 89.628,
337.313

97, 16.612,
155.807

97, 15.213,
161.360

■ 97, 13.974,
167.940

Harmonies

Complementary

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



67, 49.045, 332.502



81, 48.946, 146.748

Rectangle

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



67, 49.045, 332.502



67, 49.045, 22.502



67, 49.045, 152.502



67, 49.045, 202.502

Sweetspot

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



67, 49.042, 332.502



92, 16.856, 330.694



60, 49.420, 300.987



48, 11.189, 330.779



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 49.042, 332.502



73, 64.968, 333.050



66, 36.779, 359.542



43, 7.044, 330.521



39, 75.063, 337.137



6, 30.363, 335.297

Inverse Universe

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



67, 49.042, 332.502



73, 64.968, 333.050



82, 32.915, 170.733



43, 7.044, 330.521



39, 75.063, 337.137



6, 30.363, 335.297

Previews

White Background



This preview shows how the CIELCh color 67, 49.045, 332.502 looks on a white background.

Color Contrast Check

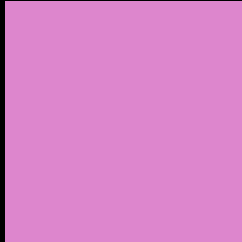
Large Text (above 18pt) WCAG AA × Fail

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 67, 49.045, 332.502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

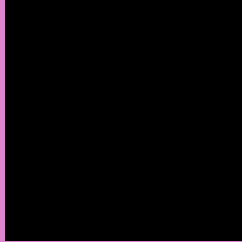
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 49.045, 332.502

Background



This preview shows how black text looks on a background with the CIELCh color 67, 49.045, 332.502.



This preview shows how white text looks on a background with the CIELCh color 67, 49.045, 332.502.

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
67, 49.045, 332.502

Protanopia
67, 35.506, 285.697

Deuteranopia
67, 22.135, 293.309



Tritanopia
67, 28.842, 10.471

Trichromacy



Original Color
67, 49.045, 332.502



Protanomaly
66, 37.918, 304.356



Deuteranomaly
67, 31.147, 314.731



Tritanomaly
67, 34.213, 351.416

Monochromacy



Original Color
67, 49.045, 332.502



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 18.680, 331.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 49.045, 332.502 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(221, 134, 205)` looks like.

```
.text, #text, p{  
    color:rgb(221, 134, 205)  
}
```

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(221, 134, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 134, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 49.045, 332.502 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(221, 134, 205) }
```

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

```
.border{ border-color:rgb(221, 134, 205) }
```

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

Here you see how a box with a 4 pixel rgb(221, 134, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 134, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 134, 205);  
box-shadow:4px 4px 4px 4px rgb(221, 134,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 49.045, 332.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 134, 205) }
```

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

```
.background{ background-color: rgb(221,  
134, 205) }
```

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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