

Converting Colors

CIELCh(67, 47.990, 328.498)

Have a look what the booklet for
CIELCh(67, 47.990, 328.498)
contains.

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Color

CIELCh(67, 48.137, 328.266)

Conversions

Conversions Part 1

Format	Color
Hex	D688D1
RGB	214, 136, 209
RGB Percent	84%, 53%, 82%
CMY	0.1597, 0.4657, 0.1794
CMYK	0.00, 0.36, 0.02, 0.16
HSL	304°, 49%, 69%
HSV	304°, 36%, 84%
XYZ	48.1908, 36.6320, 65.0234
YIQ	167.6440, 23.0550, 39.2390

Conversions

Conversions Part 2

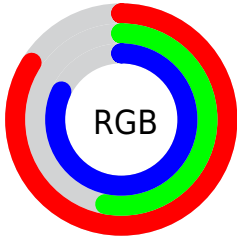
Format	Color
RYB	214, 136, 209
Decimal	14059729
CIELab	67.00, 40.94, -25.32
CIELCh	67, 48.137, 328.266
Yxy	36.6320, 0.3216, 0.2445
Android (android.graphics.Color)	4292249809 (0xFFD688D1)
YUV	167.6440, 20.3885, 40.6542
Hunter-Lab	60.5244, 36.2080, -21.3302

Details

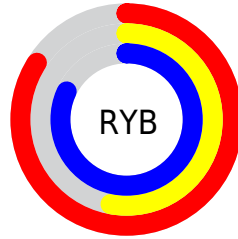
The CIELCh color $67, 48.137, 328.266$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 48.177, 143.470$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $85, 40.132, 325.817$, and $47, 48.021, 328.460$ is the 20% darker color. If you saturate the color by 10%, you get $63, 60.503, 328.807$, and if you desaturate by 10%, it is $72, 35.108, 327.704$.

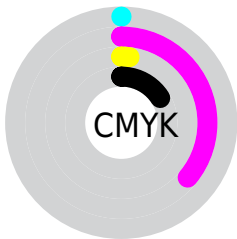
Distribution



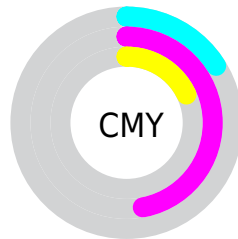
- Red (84%)
- Green (53%)
- Blue (82%)



- Red (84%)
- Yellow (53%)
- Blue (82%)



- Cyan (0%)
- Magenta (36%)
- Yellow (2%)
- Black (16%)



- Cyan (16%)
- Magenta (47%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 48.137, 328.266 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, 48.137, 328.266 by changing the saturation by 10% instead.

 67, 48.137,
328.266

 67, 48.137,
328.266

 100, 48.137,
328.266

 57, 48.137,
328.266

 87, 48.137,
328.266

 47, 48.137,
328.266


 97, 48.137,
328.266

 37, 48.137,
328.266

 27, 48.137,
328.266

 17, 48.137,
328.266

 7, 48.137, 328.266

 0, 48.137, 328.266

67, 48.137,
328.266

67, 48.137,
328.266

63, 60.503,
328.807

72, 35.108,
327.704

59, 71.739,
329.314

77, 21.796,
327.129

55, 81.305,
329.777

82, 8.471, 326.540

88, 4.687, 146.077

53, 88.687,
330.190

93, 17.563,
145.489

51, 93.535,
330.554


96, 24.136,
145.644

50, 95.834,
330.879

96, 23.569,
146.647

50, 96.322,
330.990

96, 23.009,
147.696

 96, 22.456,
148.796

Harmonies

Complementary

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



67, 48.137, 328.266



79, 48.177, 143.470

Rectangle

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



67, 48.137, 328.266



67, 48.137, 18.266



67, 48.137, 148.266



67, 48.137, 198.266

Sweetspot

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



67, 48.134, 328.266



93, 16.787, 326.821



60, 44.141, 296.450



49, 11.287, 326.901



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, 48.134, 328.266



75, 66.294, 328.702



66, 35.140, 350.194



42, 7.512, 326.721



40, 81.427, 330.945



6, 31.451, 330.228

Inverse Universe

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



67, 48.134, 328.266



75, 66.294, 328.702



80, 33.201, 162.825



42, 7.512, 326.721



40, 81.427, 330.945



6, 31.451, 330.228

Previews

White Background



This preview shows how the CIELCh color 67, 48.137, 328.266 looks on a white background.

Color Contrast Check

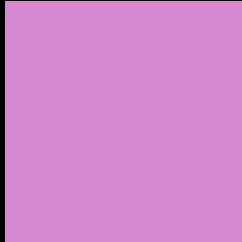
Large Text (above 18pt) WCAG AA × Fail

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, 48.137, 328.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

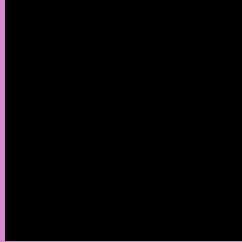
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 48.137, 328.266

Background



This preview shows how black text looks on a background with the CIELCh color 67, 48.137, 328.266.

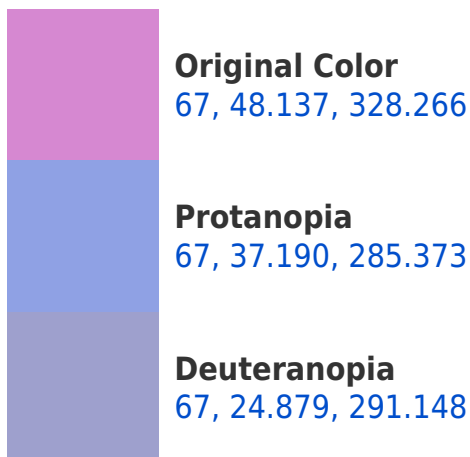


This preview shows how white text looks on a background with the CIELCh color 67, 48.137, 328.266.

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
67, 24.807, 7.977

Trichromacy



Original Color
67, 48.137, 328.266



Protanomaly
67, 38.756, 302.160



Deuteranomaly
67, 32.522, 309.772



Tritanomaly
67, 31.276, 346.228

Monochromacy



Original Color
67, 48.137, 328.266



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 18.411, 327.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 48.137, 328.266 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(214, 136, 209)` looks like.

```
.text, #text, p{  
    color:rgb(214, 136, 209)  
}
```

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(214, 136, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 136, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 48.137, 328.266 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(214, 136, 209) }
```

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

```
.border{ border-color:rgb(214, 136, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 136, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 136, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 136, 209);  
box-shadow:4px 4px 4px 4px rgb(214, 136,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 48.137, 328.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 136, 209) }
```

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

```
.background{ background-color: rgb(214,  
136, 209) }
```

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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