

Converting Colors

CIELCh(67, 45.878, 328.767)

Have a look what the booklet for
CIELCh(67, 45.878, 328.767)
contains.

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Color

CIELCh(67, 45.469, 329.110)

Conversions

Conversions Part 1

Format	Color
Hex	D58ACE
RGB	213, 138, 206
RGB Percent	84%, 54%, 81%
CMY	0.1659, 0.4600, 0.1934
CMYK	0.00, 0.35, 0.03, 0.17
HSL	306°, 47%, 69%
HSV	306°, 35%, 83%
XYZ	47.4976, 36.6320, 62.7620
YIQ	168.1770, 22.8720, 37.0480

Conversions

Conversions Part 2

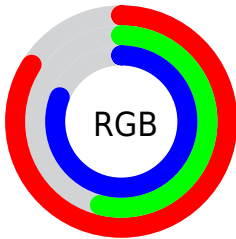
Format	Color
R _Y B	213, 138, 206
Decimal	13994702
CIE Lab	67.00, 39.02, -23.34
CIE LCh	67, 45.469, 329.110
Yxy	36.6320, 0.3234, 0.2494
Android (android.graphics.Color)	4292184782 (0xFFD58ACE)
YUV	168.1770, 18.6467, 39.3098
Hunter-Lab	60.5244, 34.1634, -19.1150

Details

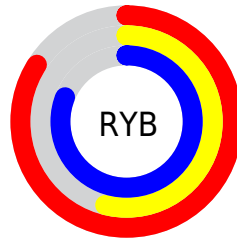
The CIELCh color $67, 45.469, 329.110$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 45.471, 144.412$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $85, 38.882, 325.774$, and $47, 45.753, 328.888$ is the 20% darker color. If you saturate the color by 10%, you get $63, 57.627, 329.683$, and if you desaturate by 10%, it is $72, 32.716, 328.525$.

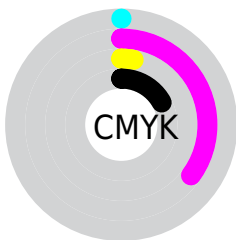
Distribution



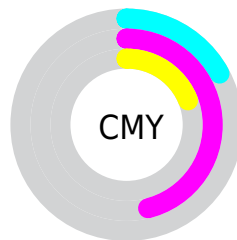
- Red (84%)
- Green (54%)
- Blue (81%)



- Red (84%)
- Yellow (54%)
- Blue (81%)



- Cyan (0%)
- Magenta (35%)
- Yellow (3%)
- Black (17%)





- Cyan (17%)
- Magenta (46%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 45.469, 329.110 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, 45.469, 329.110 by changing the saturation by 10% instead.


 67, 45.469,
329.110


 67, 45.469,
329.110


 100, 45.469,
329.110


 57, 45.469,
329.110


 87, 45.469,
329.110

 47, 45.469,
329.110

 97, 45.469,
329.110

 37, 45.469,
329.110

 27, 45.469,
329.110

 17, 45.469,
329.110

 7, 45.469, 329.110

 0, 45.469, 329.110

67, 45.469,
329.110

67, 45.469,
329.110

63, 57.627,
329.683

72, 32.716,
328.525

59, 68.741,
330.234

77, 19.729,
327.934

55, 78.278,
330.756

82, 6.756, 327.327

53, 85.714,
331.248

88, 6.033, 146.854

51, 90.664,
331.712

93, 18.537,
146.274

50, 93.045,
332.162

96, 24.447,
146.680

49, 93.604,
332.375

96, 23.641,
148.155

96, 22.849,
149.729

■ 96, 22.073,
151.410

Harmonies

Complementary

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



67, 45.469, 329.110



79, 45.471, 144.412

Rectangle

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



67, 45.469, 329.110



67, 45.469, 19.110



67, 45.469, 149.110



67, 45.469, 199.110

Sweetspot

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



67, 45.466, 329.110



93, 16.453, 327.688



61, 42.403, 297.315



49, 11.063, 327.770



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, 45.466, 329.110



75, 62.252, 329.523



66, 33.236, 352.137



42, 7.362, 327.586



40, 79.598, 332.307



6, 30.784, 331.315

Inverse Universe

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



67, 45.466, 329.110



75, 62.252, 329.523



80, 31.160, 164.882



42, 7.362, 327.586



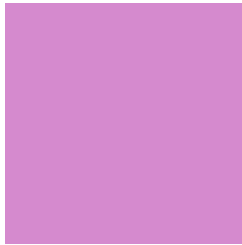
40, 79.598, 332.307



6, 30.784, 331.315

Previews

White Background



This preview shows how the CIELCh color 67, 45.469, 329.110 looks on a white background.

Color Contrast Check

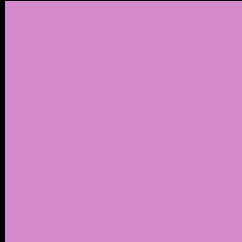
Large Text (above 18pt) WCAG AA × Fail

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, 45.469, 329.110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

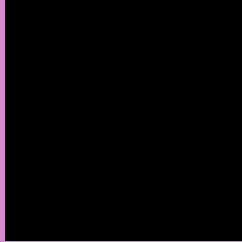
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 45.469, 329.110

Background



This preview shows how black text looks on a background with the CIELCh color 67, 45.469, 329.110.



This preview shows how white text looks on a background with the CIELCh color 67, 45.469, 329.110.

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, 45.469, 329.110

Protanopia

67, 34.426, 285.291

Deuteranopia

67, 23.229, 292.532



Tritanopia
67, 24.416, 7.699

Trichromacy



Original Color
67, 45.469, 329.110



Protanomaly
67, 36.015, 302.646



Deuteranomaly
67, 29.892, 311.247

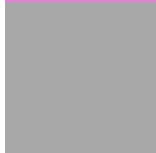


Tritanomaly
67, 29.824, 347.903

Monochromacy



Original Color
67, 45.469, 329.110



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 17.091, 327.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 45.469, 329.110 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(213, 138, 206)` looks like.

```
.text, #text, p{  
    color:rgb(213, 138, 206)  
}
```

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(213, 138, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 138, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 45.469, 329.110 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(213, 138, 206) }
```

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

```
.border{ border-color:rgb(213, 138, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 138, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 138, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 138, 206);  
box-shadow:4px 4px 4px 4px rgb(213, 138,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 45.469, 329.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 138, 206) }
```

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

```
.background{ background-color: rgb(213,  
138, 206) }
```

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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