

Converting Colors

CIELCh(67, 43.035, 326.749)

Have a look what the booklet for
CIELCh(67, 43.035, 326.749)
contains.

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Color

CIELCh(67, 43.145, 326.600)

Conversions

Conversions Part 1

Format	Color
Hex	CF8CCE
RGB	207, 140, 206
RGB Percent	81%, 55%, 81%
CMY	0.1869, 0.4497, 0.1909
CMYK	0.00, 0.32, 0.00, 0.19
HSL	301°, 41%, 68%
HSV	301°, 32%, 81%
XYZ	46.4283, 36.6320, 63.2236
YIQ	167.5570, 18.7460, 34.7300

Conversions

Conversions Part 2

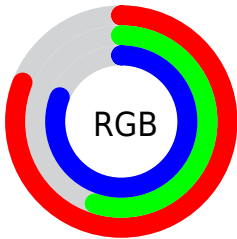
Format	Color
R _Y B	207, 140, 206
Decimal	13601998
CIE Lab	67.00, 36.02, -23.75
CIE LCh	67, 43.145, 326.600
Yxy	36.6320, 0.3174, 0.2504
Android (android.graphics.Color)	4291792078 (0xFFCF8CCE)
YUV	167.5570, 18.9524, 34.5915
Hunter-Lab	60.5244, 31.0101, -19.5672

Details

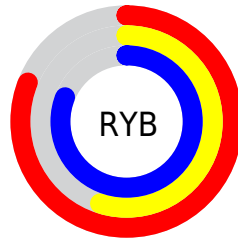
The CIELCh color $67, 43.145, 326.600$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 43.162, 142.533$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 38.257, 325.753$, and $47, 43.694, 326.627$ is the 20% darker color. If you saturate the color by 10%, you get $63, 55.905, 327.111$, and if you desaturate by 10%, it is $72, 29.882, 326.061$.

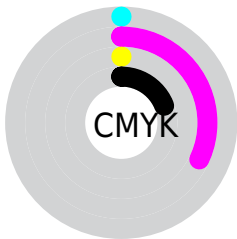
Distribution



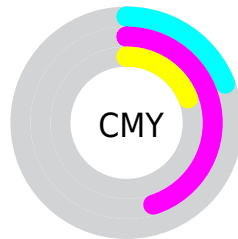
- Red (81%)
- Green (55%)
- Blue (81%)



- Red (81%)
- Yellow (55%)
- Blue (81%)



- Cyan (0%)
- Magenta (32%)
- Yellow (0%)
- Black (19%)



- Cyan (19%)
- Magenta (45%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 43.145, 326.600 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, 43.145, 326.600 by changing the saturation by 10% instead.

 67, 43.145,
326.600

 67, 43.145,
326.600

 100, 43.145,
326.600

 57, 43.145,
326.600

 87, 43.145,
326.600

 47, 43.145,
326.600

 97, 43.145,
326.600

 37, 43.145,
326.600

 27, 43.145,
326.600

 17, 43.145,
326.600

 7, 43.145, 326.600

 0, 43.145, 326.600

67, 43.145,
326.600

67, 43.145,
326.600

63, 55.905,
327.111

72, 29.882,
326.061

59, 67.742,
327.579

77, 16.453,
325.504

55, 78.148,
327.987

82, 3.088, 324.883

53, 86.607,
328.323

87, 10.058,
144.456

51, 92.708,
328.577

93, 22.889,
143.916


50, 96.292,
328.750

96, 29.500,
143.725

49, 97.709,
328.842

96, 29.369,
143.900

96, 29.238,
144.077

 96, 29.107,
144.255

Harmonies

Complementary

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



67, 43.145, 326.600



77, 43.162, 142.533

Rectangle

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



67, 43.145, 326.600



67, 43.145, 16.600



67, 43.145, 146.600



67, 43.145, 196.600

Sweetspot

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



67, 43.143, 326.600



94, 15.773, 325.379



61, 37.799, 294.232



49, 10.769, 325.460



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, 43.143, 326.600



77, 61.170, 326.969



66, 31.223, 346.699



41, 7.615, 325.339



40, 83.678, 328.833



6, 30.762, 328.308

Inverse Universe

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



67, 43.143, 326.600



77, 61.170, 326.969



78, 30.013, 160.611



41, 7.615, 325.339



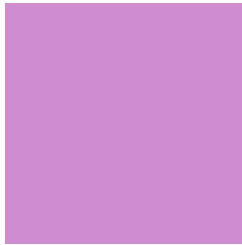
40, 83.678, 328.833



6, 30.762, 328.308

Previews

White Background



This preview shows how the CIELCh color 67, 43.145, 326.600 looks on a white background.

Color Contrast Check

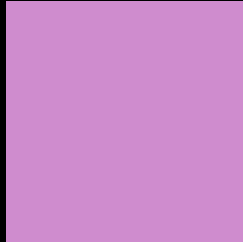
Large Text (above 18pt) WCAG AA × Fail

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, 43.145, 326.600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

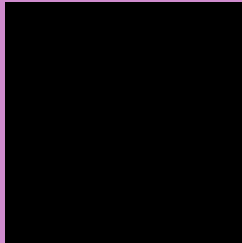
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 43.145, 326.600

Background



This preview shows how black text looks on a background with the CIELCh color 67, 43.145, 326.600.



This preview shows how white text looks on a background with the CIELCh color 67, 43.145, 326.600.

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, 43.145, 326.600

Protanopia
67, 33.852, 285.586

Deuteranopia
67, 23.777, 291.772



Tritanopia
67, 21.375, 3.706

Trichromacy



Original Color
67, 43.145, 326.600



Protanomaly
67, 35.381, 301.688



Deuteranomaly
67, 29.565, 309.270



Tritanomaly
67, 27.361, 343.803

Monochromacy



Original Color
67, 43.145, 326.600



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 16.001, 325.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 43.145, 326.600 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(207, 140, 206)` looks like.

```
.text, #text, p{  
    color:rgb(207, 140, 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(207, 140, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 140, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 43.145, 326.600 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(207, 140, 206) }
```

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

```
.border{ border-color:rgb(207, 140, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 140, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 140, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 140, 206);  
box-shadow:4px 4px 4px 4px rgb(207, 140,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 43.145, 326.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 140, 206) }
```

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

```
.background{ background-color: rgb(207,  
140, 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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