

Converting Colors

CIELCh(68, 44.093, 322.584)

Have a look what the booklet for
CIELCh(68, 44.093, 322.584)
contains.

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Color

CIELCh(68, 44.424, 322.498)

Conversions

Conversions Part 1

Format	Color
Hex	CE90D7
RGB	206, 144, 215
RGB Percent	81%, 56%, 84%
CMY	0.1922, 0.4353, 0.1569
CMYK	0.04, 0.33, 0.00, 0.16
HSL	292°, 47%, 70%
HSV	292°, 33%, 84%
XYZ	47.6896, 37.9720, 69.1017
YIQ	170.6320, 14.1610, 35.2250

Conversions

Conversions Part 2

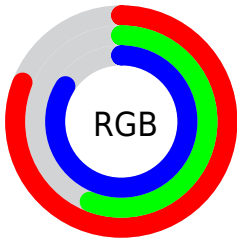
Format	Color
R _Y B	206, 144, 215
Decimal	13537495
CIE Lab	68.00, 35.24, -27.04
CIE LCh	68, 44.424, 322.498
Yxy	37.9720, 0.3081, 0.2454
Android (android.graphics.Color)	4291727575 (0xFFCE90D7)
YUV	170.6320, 21.8734, 31.0177
Hunter-Lab	61.6215, 30.3057, -23.3522

Details

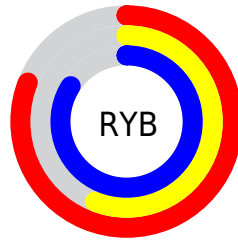
The CIELCh color $68, 44.424, 322.498$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80, 44.052, 138.994$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 35.124, 325.645$, and $48, 44.687, 322.697$ is the 20% darker color. If you saturate the color by 10%, you get $63, 57.524, 322.924$, and if you desaturate by 10%, it is $73, 30.957, 322.036$.

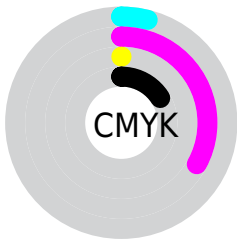
Distribution



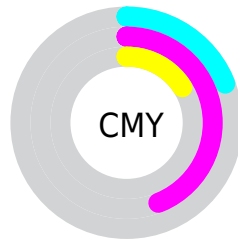
- Red (81%)
- Green (56%)
- Blue (84%)



- Red (81%)
- Yellow (56%)
- Blue (84%)



- Cyan (4%)
- Magenta (33%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 44.424, 322.498 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 68, 44.424, 322.498 by changing the saturation by 10% instead.

 68, 44.424,
322.498

 68, 44.424,
322.498

 100, 44.424,
322.498

 58, 44.424,
322.498

 88, 44.424,
322.498

 48, 44.424,
322.498

 98, 44.424,
322.498

 38, 44.424,
322.498

 28, 44.424,
322.498

 18, 44.424,
322.498

 8, 44.424, 322.498

 0, 44.424, 322.498

68, 44.424,
322.498

68, 44.424,
322.498

63, 57.524,
322.924

73, 30.957,
322.036

59, 69.857,
323.290

79, 17.423,
321.556

55, 80.905,
323.564

84, 4.015, 321.037

51, 90.086,
323.714

90, 9.140, 140.662

49, 96.875,
323.707

96, 21.972,
140.205


47, 100.978,
323.521

97, 23.602,
138.527

46, 102.581,
323.306

97, 23.115,
136.516

97, 22.657,
134.407

 97, 22.230,
132.199

Harmonies

Complementary

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



68, 44.424, 322.498



80, 44.052, 138.994

Rectangle

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



68, 44.424, 322.498



68, 44.424, 12.498



68, 44.424, 142.498



68, 44.424, 192.498

Sweetspot

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



68, 44.422, 322.498



94, 15.335, 321.413



65, 34.279, 288.700



49, 10.473, 321.483



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 44.422, 322.498



75, 61.569, 322.817



68, 35.727, 339.752



42, 7.551, 321.380



37, 86.413, 323.380



5, 32.103, 323.484

Inverse Universe

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



67, 28.783, 12.627



74, 40.749, 13.851



80, 35.080, 154.247



42, 4.605, 9.739



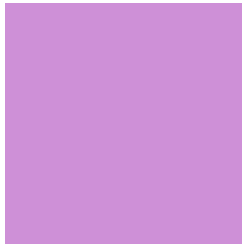
35, 72.015, 34.081



5, 21.979, 14.116

Previews

White Background



This preview shows how the CIELCh color 68, 44.424, 322.498 looks on a white background.

Color Contrast Check

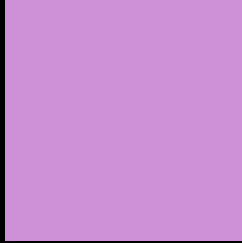
Large Text (above 18pt) WCAG AA × Fail

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 68, 44.424, 322.498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

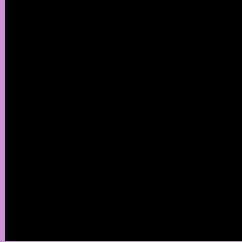
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 44.424, 322.498

Background



This preview shows how black text looks on a background with the CIELCh color 68, 44.424, 322.498.



This preview shows how white text looks on a background with the CIELCh color 68, 44.424, 322.498.

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
68, 18.636, 0.659

Trichromacy



Original Color
68, 44.424, 322.498



Protanomaly
68, 37.789, 299.243



Deuteranomaly
68, 31.718, 304.901



Tritanomaly
68, 26.854, 338.144

Monochromacy



Original Color
68, 44.424, 322.498



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 16.671, 321.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 44.424, 322.498 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(206, 144, 215)` looks like.

```
.text, #text, p{  
    color:rgb(206, 144, 215)  
}
```

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(206, 144, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 144, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 44.424, 322.498 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(206, 144, 215) }
```

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

```
.border{ border-color:rgb(206, 144, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 144, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 144, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 144, 215);  
box-shadow:4px 4px 4px 4px rgb(206, 144,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 44.424, 322.498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 144, 215) }
```

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

```
.background{ background-color: rgb(206,  
144, 215) }
```

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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