

Converting Colors

CIELCh(68, 48.221, 325.088)

Have a look what the booklet for
CIELCh(68, 48.221, 325.088)
contains.

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Color

CIELCh(68, 48.459, 325.187)

Conversions

Conversions Part 1

Format	Color
Hex	D58CD8
RGB	213, 140, 216
RGB Percent	84%, 55%, 85%
CMY	0.1638, 0.4501, 0.1520
CMYK	0.01, 0.35, 0.00, 0.15
HSL	298°, 50%, 70%
HSV	298°, 35%, 85%
XYZ	49.3442, 37.9720, 69.8527
YIQ	170.4910, 19.1120, 39.1120

Conversions

Conversions Part 2

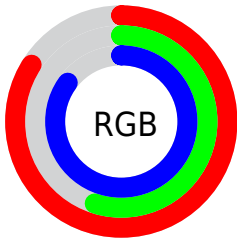
Format	Color
RYB	213, 140, 216
Decimal	13995224
CIELab	68.00, 39.79, -27.67
CIELCh	68, 48.459, 325.187
Yxy	37.9720, 0.3140, 0.2416
Android (android.graphics.Color)	4292185304 (0xFFD58CD8)
YUV	170.4910, 22.4359, 37.2804
Hunter-Lab	61.6215, 35.0986, -24.0748

Details

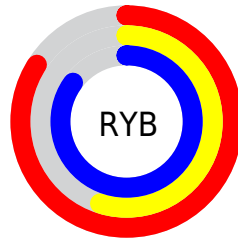
The CIELCh color $68, 48.459, 325.187$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80, 48.375, 140.970$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 37.631, 325.731$, and $48, 48.509, 325.157$ is the 20% darker color. If you saturate the color by 10%, you get $63, 61.534, 325.649$, and if you desaturate by 10%, it is $73, 34.799, 324.687$.

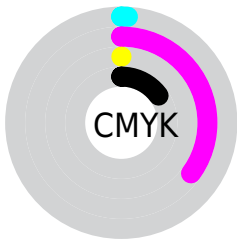
Distribution



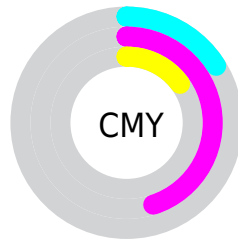
- Red (84%)
- Green (55%)
- Blue (85%)



- Red (84%)
- Yellow (55%)
- Blue (85%)



- Cyan (1%)
- Magenta (35%)
- Yellow (0%)
- Black (15%)




- Cyan (16%)
- Magenta (45%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 48.459, 325.187 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, 48.459, 325.187 by changing the saturation by 10% instead.

 68, 48.459,
325.187

 68, 48.459,
325.187

 100, 48.459,
325.187

 58, 48.459,
325.187


 88, 48.459,
325.187

 48, 48.459,
325.187

 98, 48.459,
325.187

 38, 48.459,
325.187

 28, 48.459,
325.187

 18, 48.459,
325.187

 8, 48.459, 325.187

 0, 48.459, 325.187

68, 48.459,
325.187

68, 48.459,
325.187

63, 61.534,
325.649

73, 34.799,
324.687

59, 73.568,
326.052

78, 20.919,
324.165

56, 84.017,
326.375

84, 7.071, 323.618

53, 92.343,
326.598

89, 6.574, 143.179

51, 98.144,
326.707

95, 19.912,
142.651


50, 101.320,
326.698

97, 23.828,
142.103

50, 102.242,
326.667

97, 23.658,
141.522

97, 23.491,
140.932

 97, 23.326,
140.332

Harmonies

Complementary

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



68, 48.459, 325.187



80, 48.375, 140.970

Rectangle

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



68, 48.459, 325.187



68, 48.459, 15.187



68, 48.459, 145.187



68, 48.459, 195.187

Sweetspot

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



68, 48.457, 325.187



93, 17.326, 323.949



62, 40.512, 292.784



49, 11.650, 324.022



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, 48.457, 325.187



75, 65.699, 325.526



67, 36.205, 344.230



42, 7.752, 323.857



39, 85.771, 326.691



6, 32.715, 326.655

Inverse Universe

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



66, 31.113, 19.625



73, 43.447, 20.809



81, 35.055, 157.778



42, 4.551, 16.737



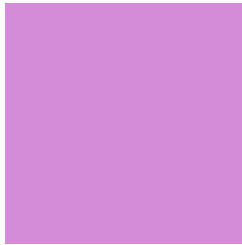
35, 75.690, 38.275



5, 21.973, 18.009

Previews

White Background



This preview shows how the CIELCh color 68, 48.459, 325.187 looks on a white background.

Color Contrast Check

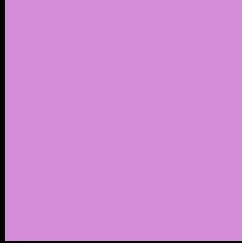
Large Text (above 18pt) WCAG AA × Fail

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, 48.459, 325.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

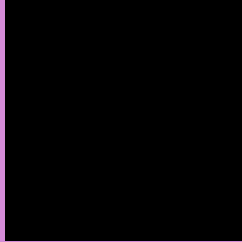
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 48.459, 325.187

Background



This preview shows how black text looks on a background with the CIELCh color 68, 48.459, 325.187.



This preview shows how white text looks on a background with the CIELCh color 68, 48.459, 325.187.

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
68, 48.459, 325.187

Protanopia
68, 38.751, 285.017

Deuteranopia
68, 27.012, 289.368



Tritanopia
68, 22.466, 4.758

Trichromacy



Original Color
68, 48.459, 325.187



Protanomaly
68, 40.678, 300.435



Deuteranomaly
68, 33.628, 306.699



Tritanomaly
68, 30.001, 342.875

Monochromacy



Original Color
68, 48.459, 325.187



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 17.720, 324.187

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 48.459, 325.187 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, 140, 216)` looks like.

```
.text, #text, p{  
    color:rgb(213, 140, 216)  
}
```

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, 140, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 140, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 48.459, 325.187 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, 140, 216) }
```

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

```
.border{ border-color:rgb(213, 140, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 140, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 140, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 140, 216);  
box-shadow:4px 4px 4px 4px rgb(213, 140,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 48.459, 325.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 140, 216) }
```

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

```
.background{ background-color: rgb(213,  
140, 216) }
```

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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