

Converting Colors

CIELCh(68, 45.378, 323.708)

Have a look what the booklet for
CIELCh(68, 45.378, 323.708)
contains.

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Color

CIELCh(68, 45.359, 323.403)

Conversions

Conversions Part 1

Format	Color
Hex	D08FD7
RGB	208, 143, 215
RGB Percent	82%, 56%, 84%
CMY	0.1842, 0.4391, 0.1568
CMYK	0.03, 0.33, 0.00, 0.16
HSL	294°, 47%, 70%
HSV	294°, 33%, 84%
XYZ	48.1133, 37.9720, 69.0986
YIQ	170.6430, 15.6280, 36.1720

Conversions

Conversions Part 2

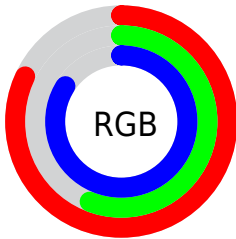
Format	Color
RYB	208, 143, 215
Decimal	13668311
CIELab	68.00, 36.42, -27.04
CIELCh	68, 45.359, 323.403
Yxy	37.9720, 0.3100, 0.2447
Android (android.graphics.Color)	4291858391 (0xFFD08FD7)
YUV	170.6430, 21.8680, 32.7621
Hunter-Lab	61.6215, 31.5333, -23.3492

Details

The CIELCh color `68, 45.359, 323.403` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `80, 45.083, 139.711`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `86, 35.751, 325.667`, and `48, 45.467, 323.221` is the 20% darker color. If you saturate the color by 10%, you get `63, 58.455, 323.840`, and if you desaturate by 10%, it is `73, 31.836, 322.930`.

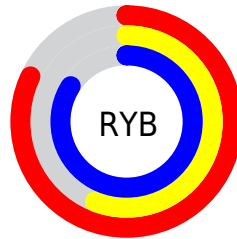
Distribution



Red (82%)

Green (56%)

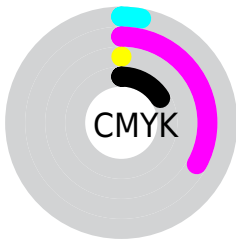
Blue (84%)



Red (82%)

Yellow (56%)

Blue (84%)

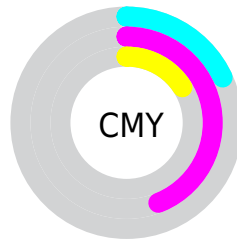


Cyan (3%)

Magenta (33%)

Yellow (0%)

Black (16%)



Cyan (18%)

Magenta (44%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 45.359, 323.403 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, 45.359, 323.403 by changing the saturation by 10% instead.


 68, 45.359,
323.403

 68, 45.359,
323.403


 100, 45.359,
323.403

 58, 45.359,
323.403


 88, 45.359,
323.403

 48, 45.359,
323.403

 98, 45.359,
323.403

 38, 45.359,
323.403

 28, 45.359,
323.403

 18, 45.359,
323.403

 8, 45.359, 323.403

 0, 45.359, 323.403

68, 45.359,
323.403

68, 45.359,
323.403

63, 58.455,
323.840

73, 31.836,
322.930

59, 70.707,
324.216

79, 18.203,
322.437

55, 81.588,
324.505

84, 4.672, 321.909

52, 90.528,
324.677

90, 8.620, 141.513

95, 21.593,
141.035

50, 97.035,
324.706


97, 23.922,
139.806

48, 100.874,
324.576

97, 23.533,
138.321

47, 102.277,
324.425

97, 23.159,
136.779

 97, 22.802,
135.179

Harmonies

Complementary

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



68, 45.359, 323.403



80, 45.083, 139.711

Rectangle

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



68, 45.359, 323.403



68, 45.359, 13.403



68, 45.359, 143.403



68, 45.359, 193.403

Sweetspot

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



68, 45.357, 323.403



94, 15.469, 322.266



64, 36.170, 290.348



49, 10.564, 322.338



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, 45.357, 323.403



76, 61.949, 323.710



68, 35.446, 341.436



42, 7.618, 322.232



38, 86.154, 324.483



6, 32.323, 324.573

Inverse Universe

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



67, 29.215, 14.964



74, 40.811, 16.100



80, 34.641, 155.650



42, 4.579, 12.088



35, 73.354, 35.723



5, 21.967, 15.432

Previews

White Background



This preview shows how the CIELCh color 68, 45.359, 323.403 looks on a white background.

Color Contrast Check

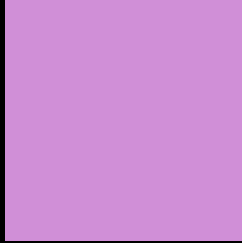
Large Text (above 18pt) WCAG AA × Fail

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, 45.359, 323.403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

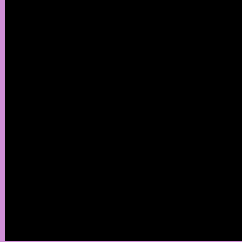
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 45.359, 323.403

Background



This preview shows how black text looks on a background with the CIELCh color 68, 45.359, 323.403.



This preview shows how white text looks on a background with the CIELCh color 68, 45.359, 323.403.

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, 45.359, 323.403

Protanopia
68, 37.072, 285.282

Deuteranopia
68, 26.465, 289.233



Tritanopia
68, 19.773, 2.031

Trichromacy



Original Color
68, 45.359, 323.403



Protanomaly
68, 38.436, 300.178



Deuteranomaly
68, 31.786, 305.510

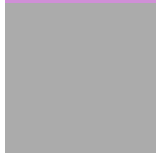


Tritanomaly
68, 27.682, 339.921

Monochromacy



Original Color
68, 45.359, 323.403



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, 45.359, 323.403 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(208, 143, 215)` looks like.

```
.text, #text, p{  
    color:rgb(208, 143, 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(208, 143, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 143, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 45.359, 323.403 is called "border". The border property can be set on classes, ids or directly on the HTML element.

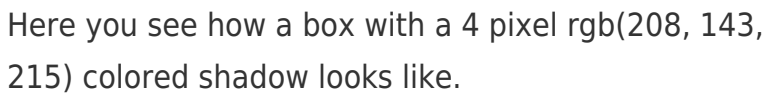
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 143, 215) }
```

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

```
.border{ border-color:rgb(208, 143, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 143, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 143, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 143, 215);  
box-shadow:4px 4px 4px 4px rgb(208, 143,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 45.359, 323.403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 143, 215) }
```

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

```
.background{ background-color: rgb(208,  
143, 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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