

Converting Colors

CIELCh(68, 50.079, 323.481)

Have a look what the booklet for
CIELCh(68, 50.079, 323.481)
contains.

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Color

CIELCh(68, 50.078, 323.452)

Conversions

Conversions Part 1

Format	Color
Hex	D48CDC
RGB	212, 140, 220
RGB Percent	83%, 55%, 86%
CMY	0.1682, 0.4506, 0.1368
CMYK	0.04, 0.36, 0.00, 0.14
HSL	294°, 53%, 71%
HSV	294°, 36%, 86%
XYZ	49.5082, 37.9720, 72.5049
YIQ	170.6480, 17.2320, 40.1440

Conversions

Conversions Part 2

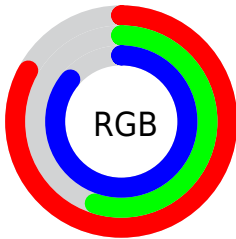
Format	Color
R_{YB}	212, 140, 220
Decimal	13929692
CIE _{Lab}	68.00, 40.23, -29.82
CIE _{LCh}	68, 50.078, 323.452
Yxy	37.9720, 0.3095, 0.2373
Android (android.graphics.Color)	4292119772 (0xFFD48CDC)
YUV	170.6480, 24.3305, 36.2657
Hunter-Lab	61.6215, 35.5737, -26.6266

Details

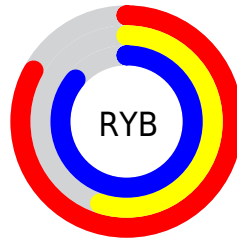
The CIELCh color $68, 50.078, 323.452$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $82, 49.756, 139.414$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 37.631, 325.731$, and $48, 50.237, 323.335$ is the 20% darker color. If you saturate the color by 10%, you get $63, 63.222, 323.873$, and if you desaturate by 10%, it is $73, 36.388, 322.988$.

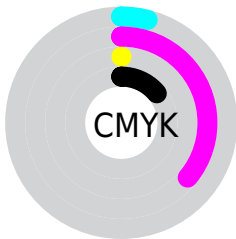
Distribution



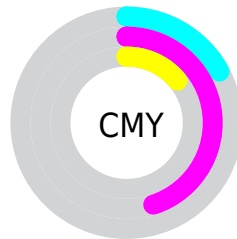
- Red (83%)
- Green (55%)
- Blue (86%)



- Red (83%)
- Yellow (55%)
- Blue (86%)



- Cyan (4%)
- Magenta (36%)
- Yellow (0%)
- Black (14%)




- Cyan (17%)
- Magenta (45%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 50.078, 323.452 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, 50.078, 323.452 by changing the saturation by 10% instead.


 68, 50.078,
323.452


 68, 50.078,
323.452


 100, 50.078,
323.452


 58, 50.078,
323.452


 88, 50.078,
323.452

 48, 50.078,
323.452

 98, 50.078,
323.452

 38, 50.078,
323.452

 28, 50.078,
323.452

 18, 50.078,
323.452

 8, 50.078, 323.452

 0, 50.078, 323.452

68, 50.078,
323.452

68, 50.078,
323.452

63, 63.222,
323.873

73, 36.388,
322.988

59, 75.363,
324.226

79, 22.510,
322.500

55, 85.939,
324.481

84, 8.683, 321.994

52, 94.374,
324.610

90, 4.933, 141.593

50, 100.218,
324.588

96, 18.241,
141.091


49, 103.355,
324.403

97, 20.792,
139.626

49, 104.119,
324.314

97, 20.389,
137.806

97, 20.007,
135.903

 98, 19.647,
133.918

Harmonies

Complementary

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



68, 50.078, 323.452



82, 49.756, 139.414

Rectangle

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



68, 50.078, 323.452



68, 50.078, 13.452



68, 50.078, 143.452



68, 50.078, 193.452

Sweetspot

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



68, 50.076, 323.452



93, 17.014, 322.238



63, 40.243, 290.869



49, 11.442, 322.306



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, 50.076, 323.452



74, 67.811, 323.794



68, 39.172, 341.728



43, 7.760, 322.154



38, 87.127, 324.374



6, 34.144, 324.713

Inverse Universe

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



67, 32.574, 15.210



72, 45.302, 16.645



82, 38.234, 155.323



43, 4.671, 11.869



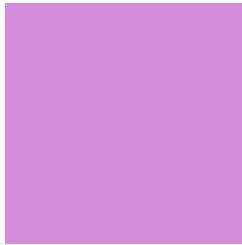
36, 74.084, 35.632



5, 23.730, 15.952

Previews

White Background



This preview shows how the CIELCh color 68, 50.078, 323.452 looks on a white background.

Color Contrast Check

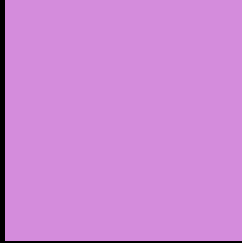
Large Text (above 18pt) WCAG AA × Fail

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, 50.078, 323.452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

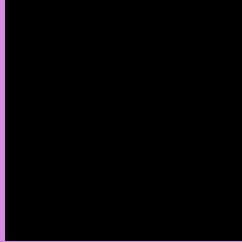
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 50.078, 323.452

Background



This preview shows how black text looks on a background with the CIELCh color 68, 50.078, 323.452.

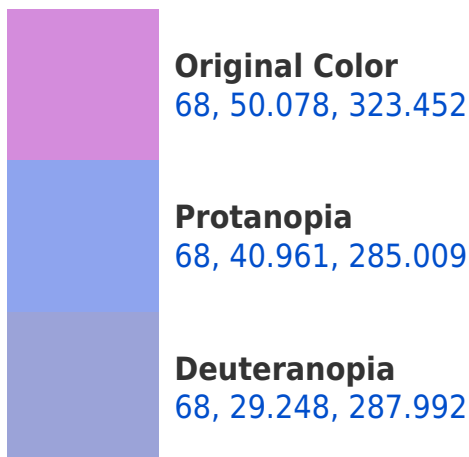


This preview shows how white text looks on a background with the CIELCh color 68, 50.078, 323.452.

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, 21.187, 5.089

Trichromacy



Original Color
68, 50.078, 323.452

Protanomaly
68, 42.244, 299.425

Deuteranomaly
68, 35.086, 305.040

Tritanomaly
68, 29.462, 340.451

Monochromacy



Original Color
68, 50.078, 323.452

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 18.637, 322.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 50.078, 323.452 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(212, 140, 220)` looks like.

```
.text, #text, p{  
    color:rgb(212, 140, 220)  
}
```

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(212, 140, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 140, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 50.078, 323.452 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(212, 140, 220) }
```

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

```
.border{ border-color:rgb(212, 140, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 140, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 140, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 140, 220);  
box-shadow:4px 4px 4px 4px rgb(212, 140,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 50.078, 323.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 140, 220) }
```

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

```
.background{ background-color: rgb(212,  
140, 220) }
```

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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