

Converting Colors

CIELCh(69, 28.915, 338.208)

Have a look what the booklet for
CIELCh(69, 28.915, 338.208)
contains.

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Color

CIELCh(69, 28.553, 338.754)

Conversions

Conversions Part 1

Format	Color
Hex	D098BC
RGB	208, 152, 188
RGB Percent	82%, 60%, 74%
CMY	0.1855, 0.4051, 0.2639
CMYK	0.00, 0.27, 0.10, 0.19
HSL	321°, 37%, 70%
HSV	321°, 27%, 81%
XYZ	46.1507, 39.3444, 52.5687
YIQ	172.8480, 21.8200, 23.0680

Conversions

Conversions Part 2

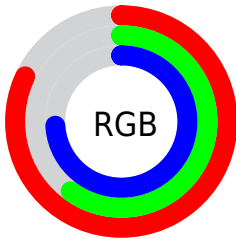
Format	Color
R_{YB}	208, 152, 188
Decimal	13670588
CIE _{Lab}	69.00, 26.61, -10.35
CIE _{LCh}	69, 28.553, 338.754
Yxy	39.3444, 0.3343, 0.2850
Android (android.graphics.Color)	4291860668 (0xFFD098BC)
YUV	172.8480, 7.4699, 30.8283
Hunter-Lab	62.7251, 21.5645, -5.7822

Details

The CIELCh color $69, 28.553, 338.754$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 28.129, 154.474$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 25.691, 332.791$, and $49, 28.916, 338.548$ is the 20% darker color. If you saturate the color by 10%, you get $64, 39.049, 339.653$, and if you desaturate by 10%, it is $74, 17.889, 337.927$.

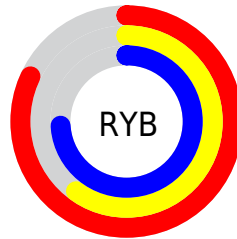
Distribution



Red (82%)

Green (60%)

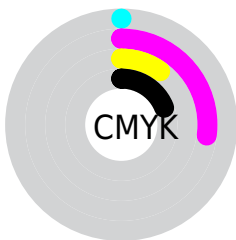
Blue (74%)



Red (82%)

Yellow (60%)

Blue (74%)

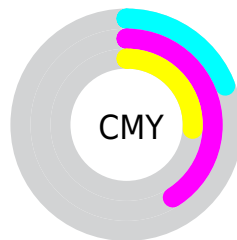


Cyan (0%)

Magenta (27%)

Yellow (10%)

Black (19%)



Cyan (19%)


Magenta (41%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 28.553, 338.754 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 69, 28.553, 338.754 by changing the saturation by 10% instead.

 69, 28.553,
338.754


 69, 28.553,
338.754


 100, 28.553,
338.754

 59, 28.553,
338.754

 89, 28.553,
338.754

 49, 28.553,
338.754

 99, 28.553,
338.754

 39, 28.553,
338.754

 29, 28.553,
338.754

 19, 28.553,
338.754

 9, 28.553, 338.754

 0, 28.553, 338.754

69, 28.553,
338.754

69, 28.553,
338.754

64, 39.049,
339.653

74, 17.889,
337.927

59, 49.068,
340.644

80, 7.280, 337.139

55, 58.184,
341.762

85, 3.143, 156.600

52, 65.883,
343.054

91, 13.300,
155.852

49, 71.646,
344.591

96, 22.821,
155.420

47, 75.092,
346.467

96, 20.268,
162.998


46, 76.209,
348.779

96, 18.126,
172.493

46, 76.344,

97, 16.560,
184.088

349.537

 97, 15.750,
197.433

Harmonies

Complementary

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



69, 28.553, 338.754



79, 28.129, 154.474

Rectangle

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



69, 28.553, 338.754



69, 28.553, 28.754



69, 28.553, 158.754



69, 28.553, 208.754

Sweetspot

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



69, 28.550, 338.755



95, 9.903, 337.230



66, 31.895, 305.302



50, 7.047, 337.349



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 28.550, 338.755



80, 40.023, 339.232



68, 22.532, 9.960



41, 5.986, 337.333



37, 65.470, 349.111



5, 23.710, 344.431

Inverse Universe

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



69, 28.550, 338.755



80, 40.023, 339.232



79, 19.813, 184.830



41, 5.986, 337.333



37, 65.470, 349.111



5, 23.710, 344.431

Previews

White Background



This preview shows how the CIELCh color 69, 28.553, 338.754 looks on a white background.

Color Contrast Check

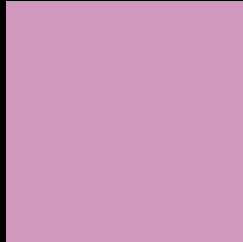
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 28.553, 338.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

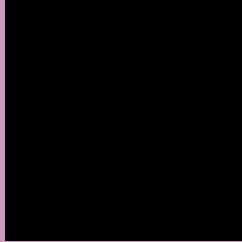
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 28.553, 338.754

Background



This preview shows how black text looks on a background with the CIELCh color 69, 28.553, 338.754.



This preview shows how white text looks on a background with the CIELCh color 69, 28.553, 338.754.

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

69, 28.553, 338.754

Protanopia

69, 17.060, 287.212

Deuteranopia

69, 12.550, 313.575



Tritanopia
69, 20.475, 2.834

Trichromacy



Original Color
69, 28.553, 338.754

Protanomaly
69, 19.371, 311.384

Deuteranomaly
69, 17.687, 327.248

Tritanomaly
69, 22.878, 351.680

Monochromacy



Original Color
69, 28.553, 338.754

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 10.665, 338.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 28.553, 338.754 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, 152, 188)` looks like.

```
.text, #text, p{  
    color:rgb(208, 152, 188)  
}
```

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, 152, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 152, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 28.553, 338.754 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, 152, 188) }
```

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

```
.border{ border-color:rgb(208, 152, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 152, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 152, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 152, 188);  
box-shadow:4px 4px 4px 4px rgb(208, 152,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 28.553, 338.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 152, 188) }
```

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

```
.background{ background-color: rgb(208,  
152, 188) }
```

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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