

Converting Colors

CIELCh(68, 22.322, 357.596)

Have a look what the booklet for
CIELCh(68, 22.322, 357.596)
contains.

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Color

CIELCh(68, 22.456, 357.276)

Conversions

Conversions Part 1

Format	Color
Hex	CC97A8
RGB	204, 151, 168
RGB Percent	80%, 59%, 66%
CMY	0.1986, 0.4065, 0.3398
CMYK	0.00, 0.26, 0.18, 0.20
HSL	341°, 34%, 70%
HSV	341°, 26%, 80%
XYZ	43.2231, 37.9720, 42.2658
YIQ	168.7850, 26.1310, 16.5230

Conversions

Conversions Part 2

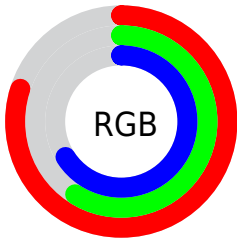
Format	Color
RYB	204, 151, 168
Decimal	13408168
CIELab	68.00, 22.43, -1.07
CIELCh	68, 22.456, 357.276
Yxy	37.9720, 0.3501, 0.3076
Android (android.graphics.Color)	4291598248 (0xFFCC97A8)
YUV	168.7850, -0.3870, 30.8836
Hunter-Lab	61.6215, 17.3676, 2.4683

Details

The CIELCh color $68, 22.456, 357.276$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $78, 20.930, 172.038$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 19.957, 354.706$, and $48, 22.228, 357.707$ is the 20% darker color. If you saturate the color by 10%, you get $63, 31.472, 358.680$, and if you desaturate by 10%, it is $73, 13.575, 356.082$.

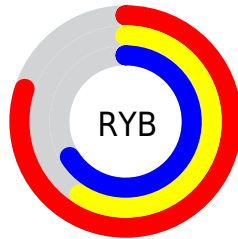
Distribution



Red (80%)

Green (59%)

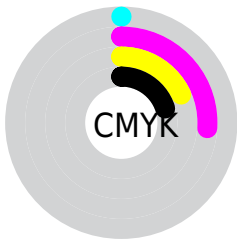
Blue (66%)



Red (80%)

Yellow (59%)

Blue (66%)

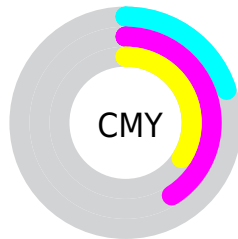


Cyan (0%)

Magenta (26%)

Yellow (18%)

Black (20%)



Cyan (20%)


Magenta (41%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 22.456, 357.276 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, 22.456, 357.276 by changing the saturation by 10% instead.


 68, 22.456,
357.276


 68, 22.456,
357.276

 100, 22.456,
357.276


 58, 22.456,
357.276


 88, 22.456,
357.276

 48, 22.456,
357.276

 98, 22.456,
357.276

 38, 22.456,
357.276

 28, 22.456,
357.276

 18, 22.456,
357.276

 8, 22.456, 357.276

 0, 22.456, 357.276

68, 22.456,
357.276

68, 22.456,
357.276

63, 31.472,
358.680

73, 13.575,
356.082

58, 40.416, 0.362

79, 4.965, 354.998

54, 48.972, 2.429

84, 3.310, 174.341

50, 56.742, 5.018

90, 11.226,
173.441

47, 63.323, 8.300

96, 18.785,
172.707

45, 68.458, 12.439

44, 72.231, 17.504

97, 16.996,
192.542

43, 73.672, 19.651

97, 16.760,
198.393

Harmonies

Complementary

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



68, 22.456, 357.276



78, 20.930, 172.038

Rectangle

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



68, 22.456, 357.276



68, 22.456, 47.276



68, 22.456, 177.276



68, 22.456, 227.276

Sweetspot

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



68, 22.454, 357.279



95, 8.033, 355.233



67, 31.905, 315.774



50, 5.726, 355.396



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, 22.454, 357.279



80, 32.339, 358.014



70, 18.552, 35.824



40, 4.764, 355.371



35, 62.784, 18.718



4, 18.642, 3.853

Inverse Universe

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



68, 22.454, 357.279



80, 32.339, 358.014



76, 15.511, 216.336



40, 4.764, 355.371



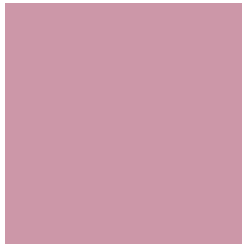
35, 62.784, 18.718



4, 18.642, 3.853

Previews

White Background



This preview shows how the CIELCh color 68, 22.456, 357.276 looks on a white background.

Color Contrast Check

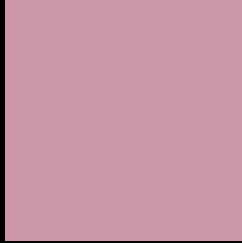
Large Text (above 18pt) WCAG AA × Fail

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, 22.456, 357.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

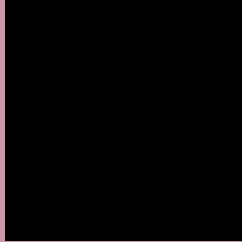
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 22.456, 357.276

Background



This preview shows how black text looks on a background with the CIELCh color 68, 22.456, 357.276.

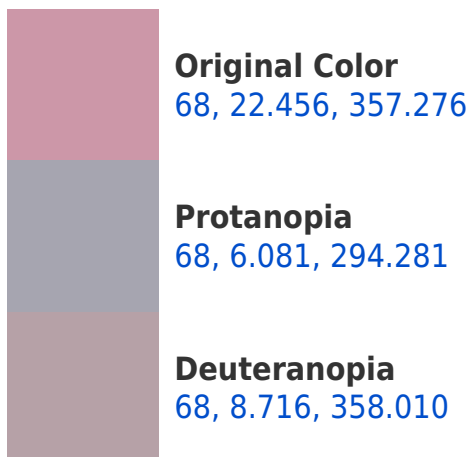


This preview shows how white text looks on a background with the CIELCh color 68, 22.456, 357.276.

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, 21.301, 3.658

Trichromacy



Original Color
68, 22.456, 357.276

Protanomaly
68, 10.443, 337.142

Deuteranomaly
68, 13.856, 357.448

Tritanomaly
68, 21.571, 0.849

Monochromacy



Original Color
68, 22.456, 357.276

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 7.986, 355.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 22.456, 357.276 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(204, 151, 168)` looks like.

```
.text, #text, p{  
    color:rgb(204, 151, 168)  
}
```

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(204, 151, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 151, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 22.456, 357.276 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(204, 151, 168) }
```

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

```
.border{ border-color:rgb(204, 151, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 151, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 151, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 151, 168);  
box-shadow:4px 4px 4px 4px rgb(204, 151,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 22.456, 357.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 151, 168) }
```

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

```
.background{ background-color: rgb(204,  
151, 168) }
```

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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