

Converting Colors

CIELCh(68, 23.428, 358.321)

Have a look what the booklet for
CIELCh(68, 23.428, 358.321)
contains.

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Color

CIELCh(68, 23.172, 358.182)

Conversions

Conversions Part 1

Format	Color
Hex	CE97A8
RGB	206, 151, 168
RGB Percent	81%, 59%, 66%
CMY	0.1931, 0.4087, 0.3420
CMYK	0.00, 0.27, 0.18, 0.19
HSL	341°, 36%, 70%
HSV	341°, 27%, 81%
XYZ	43.4697, 37.9720, 41.9779
YIQ	169.3830, 27.3230, 16.9470

Conversions

Conversions Part 2

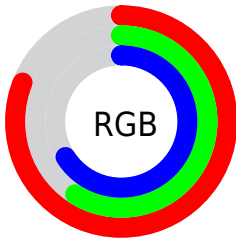
Format	Color
R _Y B	206, 151, 168
Decimal	13539240
CIE Lab	68.00, 23.16, -0.74
CIE LCh	68, 23.172, 358.182
Yxy	37.9720, 0.3522, 0.3077
Android (android.graphics.Color)	4291729320 (0xFFCE97A8)
YUV	169.3830, -0.6818, 32.1131
Hunter-Lab	61.6215, 18.0818, 2.7454

Details

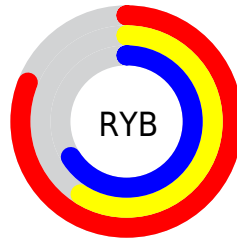
The CIELCh color $68, 23.172, 358.182$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 21.479, 172.742$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 19.957, 354.706$, and $48, 22.986, 358.731$ is the 20% darker color. If you saturate the color by 10%, you get $63, 32.222, 359.619$, and if you desaturate by 10%, it is $73, 14.258, 356.965$.

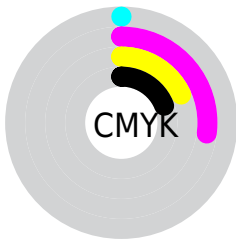
Distribution



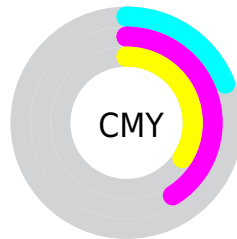
- Red (81%)
- Green (59%)
- Blue (66%)



- Red (81%)
- Yellow (59%)
- Blue (66%)



- Cyan (0%)
- Magenta (27%)
- Yellow (18%)
- Black (19%)





- Cyan (19%)
- Magenta (41%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 23.172, 358.182 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, 23.172, 358.182 by changing the saturation by 10% instead.


 68, 23.172,
358.182


 68, 23.172,
358.182


 100, 23.172,
358.182


 58, 23.172,
358.182


 88, 23.172,
358.182

 48, 23.172,
358.182

 98, 23.172,
358.182

 38, 23.172,
358.182

 28, 23.172,
358.182

 18, 23.172,
358.182

 8, 23.172, 358.182

 0, 23.172, 358.182

68, 23.172,
358.182

68, 23.172,
358.182

63, 32.222,
359.619

73, 14.258,
356.965

58, 41.197, 1.349

79, 5.620, 355.873

54, 49.776, 3.482

85, 2.676, 175.231

50, 57.559, 6.161

90, 10.607,
174.290

47, 64.152, 9.557

96, 18.173,
173.548

45, 69.324, 13.829

44, 73.212, 19.004

97, 16.436,
194.974

43, 74.453, 20.743

97, 16.323,
198.421

Harmonies

Complementary

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



68, 23.172, 358.182



79, 21.479, 172.742

Rectangle

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



68, 23.172, 358.182



68, 23.172, 48.182



68, 23.172, 178.182



68, 23.172, 228.182

Sweetspot

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



68, 23.170, 358.185



95, 7.985, 356.023



67, 33.182, 316.341



50, 5.692, 356.187



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, 23.170, 358.185



79, 33.272, 358.969



70, 19.069, 37.498



40, 4.736, 356.162



35, 63.091, 19.778



4, 18.590, 4.444

Inverse Universe

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



68, 23.170, 358.185



79, 33.272, 358.969



76, 15.870, 218.484



40, 4.736, 356.162



35, 63.091, 19.778



4, 18.590, 4.444

Previews

White Background



This preview shows how the CIELCh color 68, 23.172, 358.182 looks on a white background.

Color Contrast Check

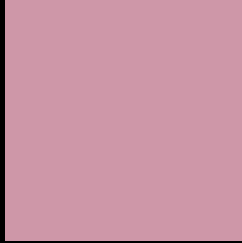
Large Text (above 18pt) WCAG AA × Fail

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, 23.172, 358.182 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, 23.172, 358.182

Background



This preview shows how black text looks on a background with the CIELCh color 68, 23.172, 358.182.



This preview shows how white text looks on a background with the CIELCh color 68, 23.172, 358.182.

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, 23.172, 358.182

Protanopia
68, 6.081, 294.281

Deuteranopia
68, 8.537, 1.439



Tritanopia
68, 21.570, 5.438

Trichromacy



Original Color
68, 23.172, 358.182

Protanomaly
68, 10.443, 337.142

Deuteranomaly
68, 14.217, 358.121

Tritanomaly
68, 21.803, 2.639

Monochromacy



Original Color
68, 23.172, 358.182

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 8.569, 353.566

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 23.172, 358.182 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(206, 151, 168)` looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 151, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 151, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 23.172, 358.182 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(206, 151, 168) }
```

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

```
.border{ border-color:rgb(206, 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(206, 151, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 151, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 151, 168);  
box-shadow:4px 4px 4px 4px rgb(206, 151,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 23.172, 358.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 151, 168) }
```

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

```
.background{ background-color: rgb(206,  
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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