

Converting Colors

CIELCh(68, 21.250, 14.985)

Have a look what the booklet for
CIELCh(68, 21.250, 14.985) contains.

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Color

CIELCh(68, 21.212, 14.113)

Conversions

Conversions Part 1

Format	Color
Hex	CD989D
RGB	205, 152, 157
RGB Percent	80%, 60%, 62%
CMY	0.1952, 0.4031, 0.3835
CMYK	0.00, 0.26, 0.23, 0.20
HSL	354°, 35%, 70%
HSV	354°, 26%, 80%
XYZ	42.5992, 37.9720, 37.0717
YIQ	168.4170, 29.9830, 12.7910

Conversions

Conversions Part 2

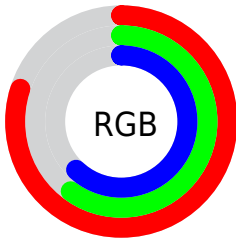
Format	Color
RYB	205, 152, 157
Decimal	13473949
CIELab	68.00, 20.57, 5.17
CIElCh	68, 21.212, 14.113
Yxy	37.9720, 0.3621, 0.3228
Android (android.graphics.Color)	4291664029 (0xFFCD989D)
YUV	168.4170, -5.6286, 32.0833
Hunter-Lab	61.6215, 15.5605, 7.4659

Details

The CIELCh color **68, 21.212, 14.113** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **79, 18.407, 189.675**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 18.031, 14.172**, and **48, 21.157, 14.345** is the 20% darker color. If you saturate the color by 10%, you get **63, 30.288, 15.540**, and if you desaturate by 10%, it is **73, 12.591, 12.966**.

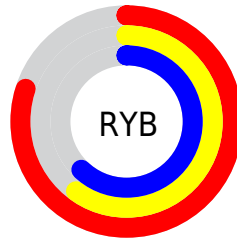
Distribution



Red (80%)

Green (60%)

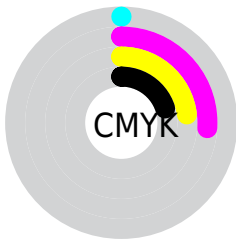
Blue (62%)



Red (80%)

Yellow (60%)

Blue (62%)

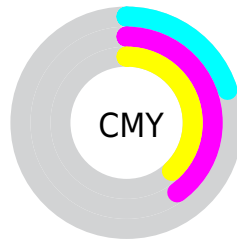


Cyan (0%)

Magenta (26%)

Yellow (23%)

Black (20%)



Cyan (20%)

Magenta (40%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 21.212, 14.113 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, 21.212, 14.113 by changing the saturation by 10% instead.

 68, 21.212, 14.113

 68, 21.212, 14.113

 100, 21.212,
14.113

 58, 21.212, 14.113

 88, 21.212, 14.113

 48, 21.212, 14.113

 98, 21.212, 14.113

 38, 21.212, 14.113

 28, 21.212, 14.113

 18, 21.212, 14.113

 8, 21.212, 14.113

 0, 21.212, 14.113

 68, 21.212, 14.113

 68, 21.212, 14.113

 63, 30.288, 15.540

 73, 12.591, 12.966

■ 58, 39.698, 17.331

■ 79, 4.487, 11.963

■ 53, 49.226, 19.613

■ 85, 3.097, 191.496

■ 50, 58.577, 22.515

■ 91, 10.185,
190.728

■ 46, 67.425, 26.130

■ 97, 16.814,
190.156

■ 44, 75.469, 30.396

■ 43, 82.318, 34.874

■ 97, 16.496,
198.410

■ 43, 84.793, 36.446

Harmonies

Complementary

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



68, 21.212, 14.113



79, 18.407, 189.675

Rectangle

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



68, 21.212, 14.113



68, 21.212, 64.113



68, 21.212, 194.113



68, 21.212, 244.113

Sweetspot

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



68, 21.210, 14.118



95, 7.398, 12.192



69, 33.700, 322.957



50, 5.284, 12.342



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, 21.210, 14.118



79, 30.870, 14.869



73, 17.310, 61.282



40, 4.395, 12.319



34, 71.767, 35.767



4, 17.989, 14.770

Inverse Universe

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



68, 21.210, 14.118



79, 30.870, 14.869



73, 15.438, 247.315



40, 4.395, 12.319



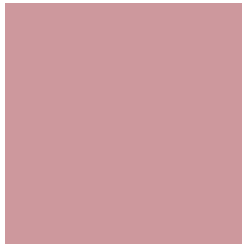
34, 71.767, 35.767



4, 17.989, 14.770

Previews

White Background



This preview shows how the CIELCh color 68, 21.212, 14.113 looks on a white background.

Color Contrast Check

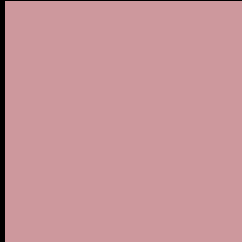
Large Text (above 18pt) WCAG AA × Fail

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 68, 21.212, 14.113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

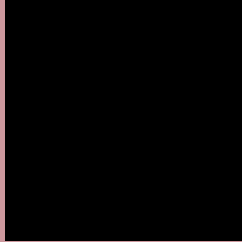
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 21.212, 14.113

Background



This preview shows how black text looks on a background with the CIELCh color 68, 21.212, 14.113.



This preview shows how white text looks on a background with the CIELCh color 68, 21.212, 14.113.

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, 21.212, 14.113

Protanopia

68, 1.613, 39.121

Deuteranopia

68, 10.500, 32.260



Tritanopia
68, 22.466, 4.758

Trichromacy



Original Color
68, 21.212, 14.113

Protanomaly
68, 8.606, 12.840

Deuteranomaly
68, 14.288, 22.873

Tritanomaly
68, 22.277, 7.494

Monochromacy



Original Color
68, 21.212, 14.113

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 7.409, 11.535

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 21.212, 14.113 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(205, 152, 157)` looks like.

```
.text, #text, p{  
    color:rgb(205, 152, 157)  
}
```

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(205, 152, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 152, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 21.212, 14.113 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(205, 152, 157) }
```

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

```
.border{ border-color:rgb(205, 152, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 152, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 152, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 152, 157);  
box-shadow:4px 4px 4px 4px rgb(205, 152,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 21.212, 14.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 152, 157) }
```

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

```
.background{ background-color: rgb(205,  
152, 157) }
```

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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