

Converting Colors

CIELCh(68, 21.204, 15.579)

Have a look what the booklet for
CIELCh(68, 21.204, 15.579) contains.

CIELCh(68, 21.204, 15.579)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(68, 21.204, 15.579)

Conversions

Conversions Part 1

Format	Color
Hex	CD989C
RGB	205, 152, 156
RGB Percent	80%, 60%, 61%
CMY	0.1950, 0.4029, 0.3872
CMYK	0.00, 0.26, 0.24, 0.19
HSL	355°, 35%, 70%
HSV	355°, 26%, 81%
XYZ	42.5503, 37.9720, 36.6572
YIQ	168.3030, 30.3040, 12.4800

Conversions

Conversions Part 2

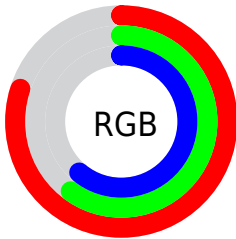
Format	Color
R _Y B	205, 152, 156
Decimal	13473948
CIE Lab	68.00, 20.42, 5.69
CIE LCh	68, 21.204, 15.579
Yxy	37.9720, 0.3631, 0.3241
Android (android.graphics.Color)	4291664028 (0xFFCD989C)
YUV	168.3030, -6.0654, 32.1833
Hunter-Lab	61.6215, 15.4185, 7.8647

Details

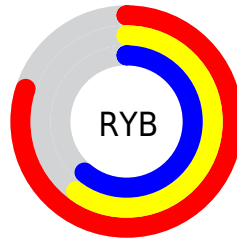
The CIELCh color **68, 21.204, 15.579** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **79, 18.282, 191.329**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 18.013, 15.814**, and **48, 21.163, 15.914** is the 20% darker color. If you saturate the color by 10%, you get **63, 30.326, 16.980**, and if you desaturate by 10%, it is **74, 12.567, 14.461**.

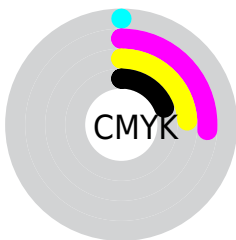
Distribution



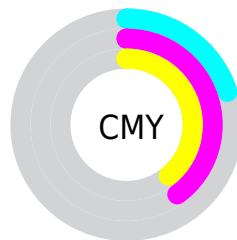
- Red (80%)
- Green (60%)
- Blue (61%)



- Red (80%)
- Yellow (60%)
- Blue (61%)



- Cyan (0%)
- Magenta (26%)
- Yellow (24%)
- Black (19%)



- Cyan (20%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 21.204, 15.579 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, 21.204, 15.579 by changing the saturation by 10% instead.

68, 21.204, 15.579

68, 21.204, 15.579

100, 21.204,
15.579

58, 21.204, 15.579

88, 21.204, 15.579

48, 21.204, 15.579

98, 21.204, 15.579

38, 21.204, 15.579

28, 21.204, 15.579

18, 21.204, 15.579

8, 21.204, 15.579

0, 21.204, 15.579

68, 21.204, 15.579

68, 21.204, 15.579

63, 30.326, 16.980

74, 12.567, 14.461

■ 58, 39.820, 18.750

■ 79, 4.469, 13.487

■ 53, 49.477, 21.011

■ 85, 3.090, 193.055

■ 50, 59.006, 23.890

■ 91, 10.140,
192.318

■ 46, 68.077, 27.464

■ 97, 16.722,
191.778

■ 44, 76.349, 31.633

■ 43, 83.291, 35.882

■ 97, 16.474,
198.412

■ 43, 85.701, 37.296

Harmonies

Complementary

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



68, 21.204, 15.579



79, 18.282, 191.329

Rectangle

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



68, 21.204, 15.579



68, 21.204, 65.579



68, 21.204, 195.579



68, 21.204, 245.579

Sweetspot

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



68, 21.202, 15.584



95, 7.378, 13.710



69, 33.850, 323.446



50, 5.271, 13.855



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, 21.202, 15.584



79, 30.884, 16.322



73, 17.364, 63.155



40, 4.384, 13.833



34, 72.552, 36.682



4, 17.964, 15.695

Inverse Universe

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



68, 21.202, 15.584



79, 30.884, 16.322



73, 15.600, 249.432



40, 4.384, 13.833



34, 72.552, 36.682



4, 17.964, 15.695

Previews

White Background



This preview shows how the CIELCh color 68, 21.204, 15.579 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, 21.204, 15.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

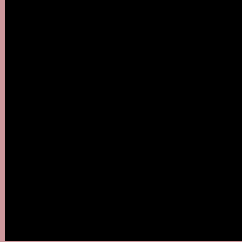
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 21.204, 15.579

Background



This preview shows how black text looks on a background with the CIELCh color 68, 21.204, 15.579.



This preview shows how white text looks on a background with the CIELCh color 68, 21.204, 15.579.

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, 21.204, 15.579

Protanopia

68, 1.870, 55.191

Deuteranopia

68, 10.655, 35.092



Tritanopia
68, 22.466, 4.758

Trichromacy



Original Color
68, 21.204, 15.579

Protanomaly
68, 8.572, 16.479

Deuteranomaly
68, 14.357, 25.032

Tritanomaly
68, 22.277, 7.494

Monochromacy



Original Color
68, 21.204, 15.579

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 7.362, 15.753

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 21.204, 15.579 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(205, 152, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 152, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 21.204, 15.579 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, 156) }
```

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

```
.border{ border-color:rgb(205, 152, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 152, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 152, 156); box-shadow:4px 4px 4px 4px rgb(205, 152, 156) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 21.204, 15.579 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, 156) }
```

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

```
.background{ background-color: rgb(205,  
152, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor