

Converting Colors

CIELCh(68, 17.539, 54.577)

Have a look what the booklet for
CIELCh(68, 17.539, 54.577) contains.

CIELCh(68, 17.195, 55.110)	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, 17.195, 55.110)

Conversions

Conversions Part 1

Format	Color
Hex	C19F8D
RGB	193, 159, 141
RGB Percent	76%, 62%, 55%
CMY	0.2438, 0.3771, 0.4477
CMYK	0.00, 0.18, 0.27, 0.24
HSL	21°, 29%, 65%
HSV	21°, 27%, 76%
XYZ	39.1132, 37.9720, 30.4039
YIQ	167.1140, 26.0420, 1.6100

Conversions

Conversions Part 2

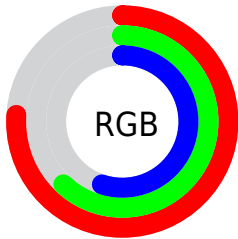
Format	Color
RYB	193, 169, 141
Decimal	12689293
CIELab	68.00, 9.84, 14.10
CIElCh	68, 17.195, 55.110
Yxy	37.9720, 0.3639, 0.3533
Android (android.graphics.Color)	4290879373 (0xFFC19F8D)
YUV	167.1140, -12.8742, 22.7020
Hunter-Lab	61.6215, 5.4623, 13.8814

Details

The CIELCh color **68, 17.195, 55.110** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70, 14.912, 240.394**, and the grayscale version is **69, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 17.040, 55.368**, and **48, 17.263, 55.517** is the 20% darker color. If you saturate the color by 10%, you get **64, 24.443, 54.425**, and if you desaturate by 10%, it is **72, 10.437, 55.865**.

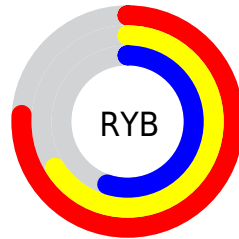
Distribution



Red (76%)

Green (62%)

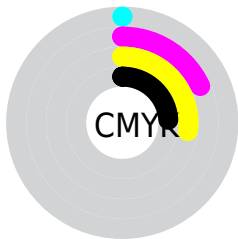
Blue (55%)



Red (76%)

Yellow (66%)

Blue (55%)

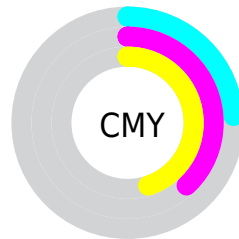


Cyan (0%)

Magenta (18%)

Yellow (27%)

Black (24%)



Cyan (24%)

Magenta (38%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 17.195, 55.110 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, 17.195, 55.110 by changing the saturation by 10% instead.

68, 17.195, 55.110

68, 17.195, 55.110

100, 17.195,
55.110

58, 17.195, 55.110

88, 17.195, 55.110

48, 17.195, 55.110

98, 17.195, 55.110

38, 17.195, 55.110

28, 17.195, 55.110

18, 17.195, 55.110

8, 17.195, 55.110

0, 17.195, 55.110

68, 17.195, 55.110

68, 17.195, 55.110

64, 24.443, 54.425

72, 10.437, 55.865

61, 32.199, 53.805

75, 4.136, 56.607

58, 40.442, 53.264

79, 1.754, 237.825

55, 49.069, 52.780

83, 7.276, 238.476

52, 57.814, 52.266

87, 12.474,
239.306

49, 66.077, 51.498

91, 16.933,
237.915

47, 72.827, 50.083

46, 74.791, 49.732

94, 18.003,
211.529

96, 20.264,
198.171

Harmonies

Complementary

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



68, 17.195, 55.110



70, 14.912, 240.394

Rectangle

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



68, 17.195, 55.110



68, 17.195, 105.110



68, 17.195, 235.110



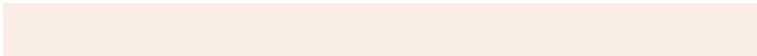
68, 17.195, 285.110

Sweetspot

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



68, 17.195, 55.119



95, 5.891, 56.527



65, 27.323, 337.659



50, 4.208, 56.418



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



68, 17.195, 55.119



84, 25.702, 54.726



75, 23.467, 99.309



39, 3.411, 56.438



38, 65.012, 50.232



5, 11.702, 42.826

Inverse Universe

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



70, 14.912, 240.394



86, 21.551, 241.272



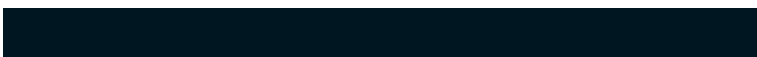
63, 24.365, 285.935



39, 3.263, 238.256



42, 37.302, 263.631



6, 10.942, 252.252

Previews

White Background



This preview shows how the CIELCh color 68, 17.195, 55.110 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, 17.195, 55.110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

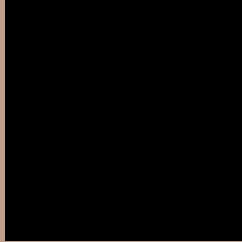
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 17.195, 55.110

Background



This preview shows how black text looks on a background with the CIELCh color 68, 17.195, 55.110.

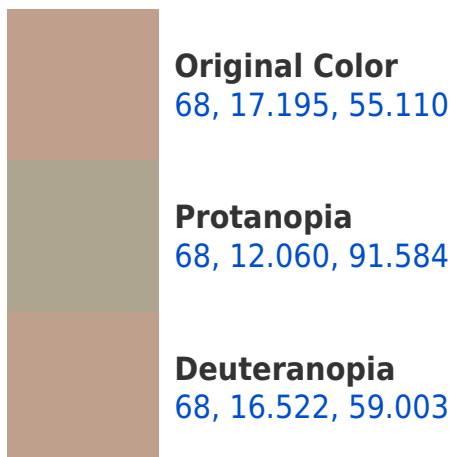


This preview shows how white text looks on a background with the CIELCh color 68, 17.195, 55.110.

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, 17.150, 358.594

Trichromacy



Original Color
68, 17.195, 55.110

Protanomaly
68, 13.193, 75.578

Deuteranomaly
68, 16.852, 58.126

Tritanomaly
68, 15.448, 18.809

Monochromacy



Original Color
68, 17.195, 55.110

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.045, 58.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 17.195, 55.110 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(193, 159, 141)` looks like.

```
.text, #text, p{  
    color:rgb(193, 159, 141)  
}
```

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(193, 159, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 159, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 17.195, 55.110 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(193, 159, 141) }
```

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

```
.border{ border-color:rgb(193, 159, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 159, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 159, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 159, 141);  
box-shadow:4px 4px 4px 4px rgb(193, 159,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 17.195, 55.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 159, 141) }
```

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

```
.background{ background-color: rgb(193,  
159, 141) }
```

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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