

Converting Colors

CIELCh(79, 15.557, 97.634)

Have a look what the booklet for
CIELCh(79, 15.557, 97.634) contains.

CIELCh(79, 15.631, 98.708)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 15.631, 98.708)

Conversions

Conversions Part 1

Format	Color
Hex	CBC4A7
RGB	203, 196, 167
RGB Percent	80%, 77%, 65%
CMY	0.2042, 0.2316, 0.3453
CMYK	0.00, 0.03, 0.18, 0.20
HSL	48°, 26%, 73%
HSV	48°, 18%, 80%
XYZ	51.3078, 54.9284, 44.4288
YIQ	194.7870, 13.4810, -7.5350

Conversions

Conversions Part 2

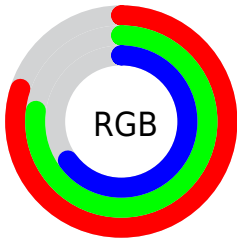
Format	Color
RYB	176, 203, 167
Decimal	13354151
CIELab	79.00, -2.37, 15.45
CIELCh	79, 15.631, 98.708
Yxy	54.9284, 0.3405, 0.3646
Android (android.graphics.Color)	4291544231 (0xFFCBC4A7)
YUV	194.7870, -13.6990, 7.2028
Hunter-Lab	74.1137, -6.1260, 16.3371

Details

The CIELCh color **79, 15.631, 98.708** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **71, 15.952, 282.999**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.716, 106.309**, and **59, 15.476, 97.461** is the 20% darker color. If you saturate the color by 10%, you get **78, 24.504, 97.536**, and if you desaturate by 10%, it is **80, 6.790, 99.854**.

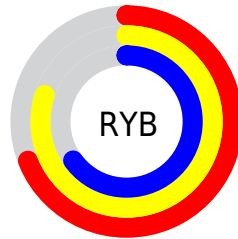
Distribution



Red (80%)

Green (77%)

Blue (65%)



Red (69%)

Yellow (80%)

Blue (65%)

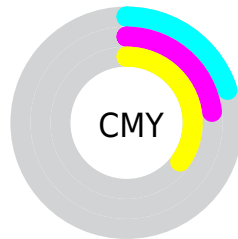


Cyan (0%)

Magenta (3%)

Yellow (18%)

Black (20%)



Cyan (20%)

Magenta (23%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 15.631, 98.708 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 79, 15.631, 98.708 by changing the saturation by 10% instead.

■ 79, 15.631, 98.708

■ 79, 15.631, 98.708

■ 100, 15.631,
98.708

■ 69, 15.631, 98.708

■ 99, 15.631, 98.708

■ 59, 15.631, 98.708

■ 49, 15.631, 98.708

■ 39, 15.631, 98.708

■ 29, 15.631, 98.708

■ 19, 15.631, 98.708

■ 9, 15.631, 98.708

■ 0, 15.631, 98.708

■ 79, 15.631, 98.708

■ 79, 15.631, 98.708

78, 24.504, 97.536

80, 6.790, 99.854

76, 33.340, 96.331

82, 1.989, 281.070

75, 42.030, 95.109

84, 10.688,
282.078

74, 50.377, 93.875

85, 19.298,
283.099

72, 58.056, 92.629

71, 64.568, 91.360

86, 20.934,
280.401

70, 69.259, 90.031

87, 19.152,
275.105

69, 71.670, 88.589

69, 72.090, 88.259

88, 17.564,
268.829

89, 16.221,
261.460

90, 15.186,
252.978

Harmonies

Complementary

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



79, 15.631, 98.708



71, 15.952, 282.999

Rectangle

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



79, 15.631, 98.708



79, 15.631, 148.708



79, 15.631, 278.708



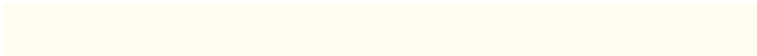
79, 15.631, 328.708

Sweetspot

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



79, 15.632, 98.715



99, 5.272, 100.143



72, 14.369, 4.986



53, 3.599, 100.068



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 15.632, 98.715



96, 22.300, 98.301



80, 19.484, 120.786



42, 5.003, 99.669



57, 62.102, 88.500



12, 17.632, 92.462

Inverse Universe

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



71, 15.952, 282.999



85, 22.852, 283.525



70, 20.157, 302.910



40, 5.063, 281.875



23, 84.705, 302.414



3, 20.390, 287.137

Previews

White Background



This preview shows how the CIELCh color 79, 15.631, 98.708 looks on a white background.

Color Contrast Check

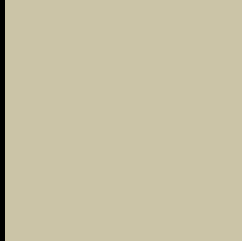
Large Text (above 18pt) WCAG AA × Fail

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 79, 15.631, 98.708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

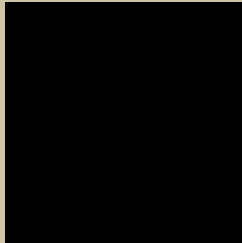
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

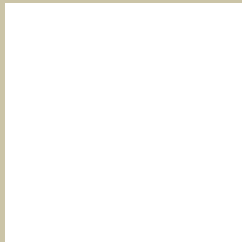
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 15.631, 98.708

Background



This preview shows how black text looks on a background with the CIELCh color 79, 15.631, 98.708.



This preview shows how white text looks on a background with the CIELCh color 79, 15.631, 98.708.

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

79, 15.631, 98.708

Protanopia

79, 15.484, 92.685

Deuteranopia

79, 17.891, 56.485



Tritanopia
79, 10.406, 329.883

Trichromacy



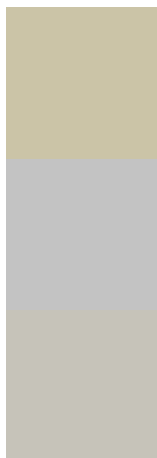
Original Color
79, 15.631, 98.708

Protanomaly
79, 15.379, 94.094

Deuteranomaly
79, 15.759, 70.437

Tritanomaly
79, 5.257, 25.517

Monochromacy



Original Color
79, 15.631, 98.708

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 5.430, 97.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 15.631, 98.708 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(203, 196, 167)` looks like.

```
.text, #text, p{  
    color:rgb(203, 196, 167)  
}
```

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(203, 196, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 196, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 15.631, 98.708 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(203, 196, 167) }
```

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

```
.border{ border-color:rgb(203, 196, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 196, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 196, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 196, 167); box-shadow:4px 4px 4px 4px rgb(203, 196, 167) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 15.631, 98.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 196, 167) }
```

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

```
.background{ background-color: rgb(203,  
196, 167) }
```

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