

Converting Colors

CIELCh(79, 18.965, 108.743)

Have a look what the booklet for
CIELCh(79, 18.965, 108.743)
contains.

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Color

CIELCh(79, 19.068, 108.429)

Conversions

Conversions Part 1

Format	Color
Hex	C6C6A2
RGB	198, 198, 162
RGB Percent	78%, 78%, 64%
CMY	0.2240, 0.2240, 0.3651
CMYK	0.00, 0.00, 0.18, 0.22
HSL	60°, 24%, 71%
HSV	60°, 18%, 78%
XYZ	49.9359, 54.9284, 42.0994
YIQ	193.8960, 11.5560, -11.1960

Conversions

Conversions Part 2

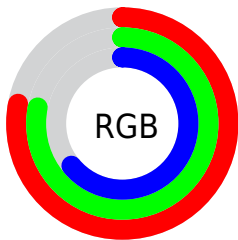
Format	Color
RYB	162, 198, 162
Decimal	13026978
CIELab	79.00, -6.03, 18.09
CIELCh	79, 19.068, 108.429
Yxy	54.9284, 0.3398, 0.3738
Android (android.graphics.Color)	4291217058 (0xFFC6C6A2)
YUV	193.8960, -15.7247, 3.5992
Hunter-Lab	74.1137, -9.4302, 18.2006

Details

The CIELCh color **79, 19.068, 108.429** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 19.879, 292.194**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **99, 19.210, 108.724**, and **59, 19.059, 107.961** is the 20% darker color. If you saturate the color by 10%, you get **79, 29.405, 107.472**, and if you desaturate by 10%, it is **79, 8.607, 109.395**.

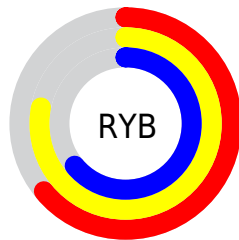
Distribution



Red (78%)

Green (78%)

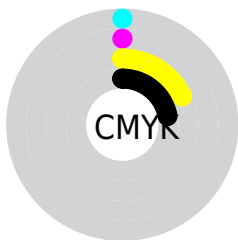
Blue (64%)



Red (64%)

Yellow (78%)

Blue (64%)

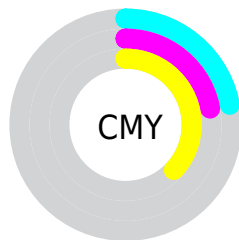


Cyan (0%)

Magenta (0%)

Yellow (18%)

Black (22%)



Cyan (22%)


Magenta (22%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 19.068, 108.429 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, 19.068, 108.429 by changing the saturation by 10% instead.


 79, 19.068,
108.429

 79, 19.068,
108.429


 100, 19.068,
108.429


 69, 19.068,
108.429


 99, 19.068,
108.429

 59, 19.068,
108.429

 49, 19.068,
108.429

 39, 19.068,
108.429

 29, 19.068,
108.429

 19, 19.068,
108.429

 9, 19.068, 108.429

■ 0, 19.068, 108.429

■ 79, 19.068,
108.429

■ 79, 19.068,
108.429

■ 79, 29.405,
107.472

■ 79, 8.607, 109.395

■ 78, 39.504,
106.528

■ 80, 1.914, 290.388

■ 78, 49.199,
105.626

■ 80, 12.446,
291.289

■ 78, 58.236,
104.795

■ 81, 22.960,
292.184

■ 78, 66.244,
104.071

■ 82, 30.352,
292.796

■ 78, 72.749,
103.494

■ 82, 30.352,
292.798

■ 82, 30.352,

■ 78, 77.278,
103.100

292.799

■ 77, 79.712,
102.891

■ 82, 30.352,
292.801

■ 77, 80.068,
102.861

■ 82, 30.352,
292.803

Harmonies

Complementary

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



79, 19.068, 108.429



68, 19.879, 292.194

Rectangle

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



79, 19.068, 108.429



79, 19.068, 158.429



79, 19.068, 288.429



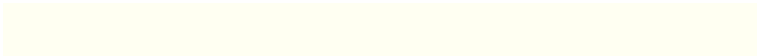
79, 19.068, 338.429

Sweetspot

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



79, 19.070, 108.434



100, 6.453, 109.689



70, 14.150, 20.656



53, 4.403, 109.622



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, 19.070, 108.434



99, 28.283, 108.035



78, 20.392, 128.252



42, 5.982, 109.281



65, 69.399, 102.860



13, 20.289, 105.985

Inverse Universe

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



68, 19.879, 292.194



82, 29.788, 292.740



69, 20.902, 309.906



38, 6.114, 291.150



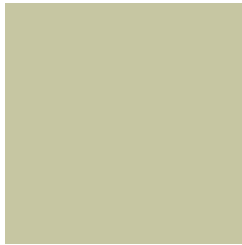
19, 95.827, 306.288



1, 21.510, 291.750

Previews

White Background



This preview shows how the CIELCh color 79, 19.068, 108.429 looks on a white background.

Color Contrast Check

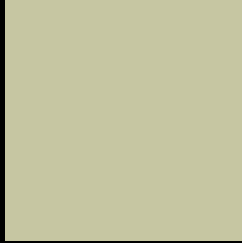
Large Text (above 18pt) WCAG AA × Fail

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, 19.068, 108.429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

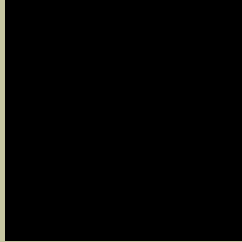
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

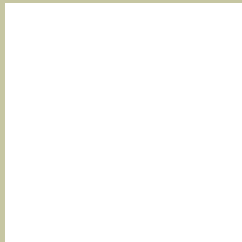
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 19.068, 108.429

Background



This preview shows how black text looks on a background with the CIELCh color 79, 19.068, 108.429.



This preview shows how white text looks on a background with the CIELCh color 79, 19.068, 108.429.

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, 19.068, 108.429

Protanopia

79, 18.668, 93.796

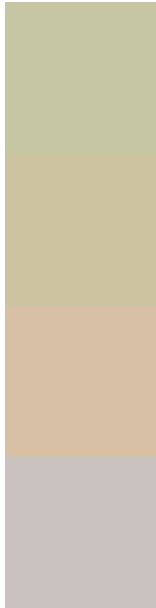
Deuteranopia

79, 19.652, 60.408



Tritanopia
79, 9.165, 319.106

Trichromacy



Original Color
79, 19.068, 108.429

Protanomaly
79, 18.829, 98.827

Deuteranomaly
79, 17.974, 78.270

Tritanomaly
79, 3.367, 47.745

Monochromacy



Original Color
79, 19.068, 108.429

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 6.921, 109.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 19.068, 108.429 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(198, 198, 162)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 162)  
}
```

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(198, 198, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 19.068, 108.429 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(198, 198, 162) }
```

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

```
.border{ border-color:rgb(198, 198, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 198, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 198, 162); box-shadow:4px 4px 4px 4px rgb(198, 198, 162) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 19.068, 108.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 162) }
```

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

```
.background{ background-color: rgb(198,  
198, 162) }
```

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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