

Converting Colors

CIELCh(79, 8.167, 68.856)

Have a look what the booklet for
CIELCh(79, 8.167, 68.856) contains.

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Color

CIELCh(79, 7.909, 67.255)

Conversions

Conversions Part 1

Format	Color
Hex	CFC1B6
RGB	207, 193, 182
RGB Percent	81%, 76%, 71%
CMY	0.1873, 0.2422, 0.2854
CMYK	0.00, 0.07, 0.12, 0.19
HSL	26°, 21%, 76%
HSV	26°, 12%, 81%
XYZ	53.3861, 54.9284, 52.1682
YIQ	195.9320, 11.8750, -0.4530

Conversions

Conversions Part 2

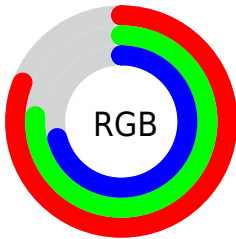
Format	Color
RYB	207, 202, 182
Decimal	13615542
CIELab	79.00, 3.06, 7.29
CIELCh	79, 7.909, 67.255
Yxy	54.9284, 0.3327, 0.3423
Android (android.graphics.Color)	4291805622 (0xFFCFC1B6)
YUV	195.9320, -6.8685, 9.7066
Hunter-Lab	74.1137, -1.1205, 10.1457

Details

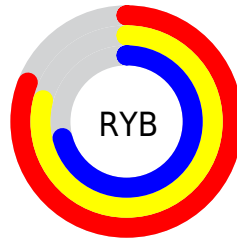
The CIELCh color $79, 7.909, 67.255$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 7.589, 250.219$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 5.971, 88.637$, and $59, 8.169, 68.963$ is the 20% darker color. If you saturate the color by 10%, you get $76, 14.883, 66.179$, and if you desaturate by 10%, it is $82, 1.313, 68.120$.

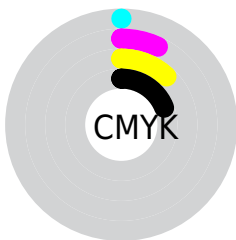
Distribution



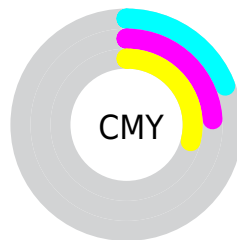
- Red (81%)
- Green (76%)
- Blue (71%)



- Red (81%)
- Yellow (79%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (19%)





- Cyan (19%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 7.909, 67.255 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, 7.909, 67.255 by changing the saturation by 10% instead.

 79, 7.909, 67.255  79, 7.909, 67.255

 100, 7.909, 67.255  69, 7.909, 67.255

 99, 7.909, 67.255  59, 7.909, 67.255

 49, 7.909, 67.255

 39, 7.909, 67.255

 29, 7.909, 67.255

 19, 7.909, 67.255

 9, 7.909, 67.255

 0, 7.909, 67.255

 79, 7.909, 67.255  79, 7.909, 67.255

76, 14.883, 66.179

82, 1.313, 68.120

72, 22.265, 65.078

86, 4.943, 249.636

69, 30.071, 63.989

90, 10.896,
250.674

66, 38.285, 62.916

93, 13.165,
236.054

63, 46.824, 61.840

60, 55.470, 60.703

96, 14.687,
206.108

57, 63.745, 59.355

97, 15.866,
198.451

55, 70.752, 57.490

53, 75.112, 55.620

Harmonies

Complementary

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



79, 7.909, 67.255



79, 7.589, 250.219

Rectangle

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



79, 7.909, 67.255



79, 7.909, 117.255



79, 7.909, 247.255



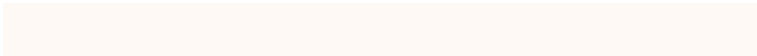
79, 7.909, 297.255

Sweetspot

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



79, 7.909, 67.273



98, 3.030, 68.059



77, 12.010, 341.146



52, 2.159, 68.000



0, 0.000, 0.000



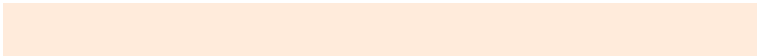
53, 0.007, 296.813

Same Dimension

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



79, 7.909, 67.273



94, 10.924, 67.046



82, 12.309, 106.135



42, 3.718, 67.554



43, 64.072, 56.216



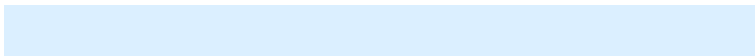
8, 15.836, 51.297

Inverse Universe

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



79, 7.589, 250.219



94, 10.396, 250.506



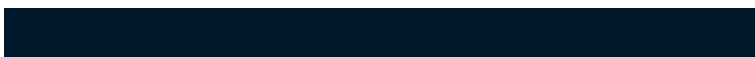
75, 12.606, 288.700



42, 3.605, 249.878



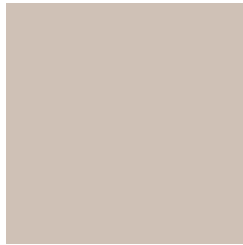
39, 46.555, 277.171



7, 14.932, 265.703

Previews

White Background



This preview shows how the CIELCh color 79, 7.909, 67.255 looks on a white background.

Color Contrast Check

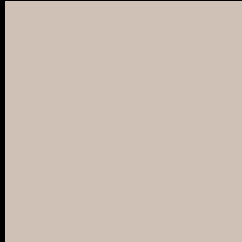
Large Text (above 18pt) WCAG AA × Fail

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 79, 7.909, 67.255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

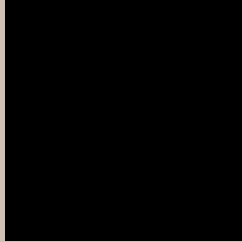
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 7.909, 67.255

Background



This preview shows how black text looks on a background with the CIELCh color 79, 7.909, 67.255.



This preview shows how white text looks on a background with the CIELCh color 79, 7.909, 67.255.

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, 7.909, 67.255

Protanopia

79, 6.896, 87.001

Deuteranopia

79, 11.954, 35.646



Tritanopia
79, 10.885, 332.927

Trichromacy



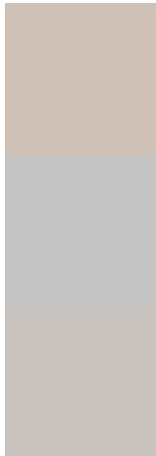
Original Color
79, 7.909, 67.255

Protanomaly
79, 6.959, 76.630

Deuteranomaly
79, 10.126, 44.760

Tritanomaly
79, 7.417, 354.433

Monochromacy



Original Color
79, 7.909, 67.255

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 2.809, 68.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 7.909, 67.255 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(207, 193, 182)` looks like.

```
.text, #text, p{  
    color:rgb(207, 193, 182)  
}
```

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(207, 193, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 193, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 7.909, 67.255 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(207, 193, 182) }
```

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

```
.border{ border-color:rgb(207, 193, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 193, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 193, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 193, 182);  
box-shadow:4px 4px 4px 4px rgb(207, 193,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 7.909, 67.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 193, 182) }
```

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

```
.background{ background-color: rgb(207,  
193, 182) }
```

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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