

Converting Colors

CIELCh(79, 6.948, 103.310)

Have a look what the booklet for
CIELCh(79, 6.948, 103.310) contains.

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Color

CIELCh(79, 6.948, 103.310)

Conversions

Conversions Part 1

Format	Color
Hex	C6C4B7
RGB	198, 196, 183
RGB Percent	78%, 77%, 72%
CMY	0.2234, 0.2312, 0.2822
CMYK	0.00, 0.01, 0.08, 0.22
HSL	52°, 12%, 75%
HSV	52°, 8%, 78%
XYZ	51.5984, 54.9284, 52.7026
YIQ	195.1160, 5.3650, -3.6190

Conversions

Conversions Part 2

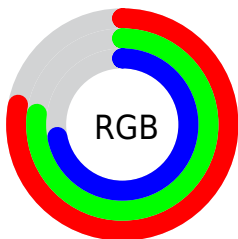
Format	Color
RYB	185, 198, 183
Decimal	13026487
CIELab	79.00, -1.60, 6.76
CIElCh	79, 6.948, 103.310
Yxy	54.9284, 0.3241, 0.3450
Android (android.graphics.Color)	4291216567 (0xFFC6C4B7)
YUV	195.1160, -5.9732, 2.5293
Hunter-Lab	74.1137, -5.4263, 9.7181

Details

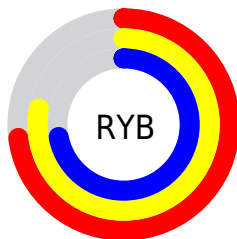
The CIELCh color **79, 6.948, 103.310** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 7.043, 285.004**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 7.125, 103.871**, and **59, 6.813, 102.598** is the 20% darker color. If you saturate the color by 10%, you get **78, 16.156, 102.246**, and if you desaturate by 10%, it is **80, 2.233, 284.453**.

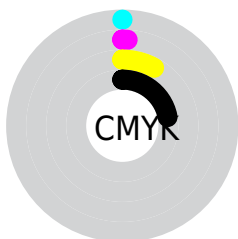
Distribution



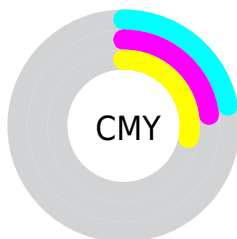
- Red (78%)
- Green (77%)
- Blue (72%)



- Red (73%)
- Yellow (78%)
- Blue (72%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (22%)



- Cyan (22%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 6.948, 103.310 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, 6.948, 103.310 by changing the saturation by 10% instead.

■ 79, 6.948, 103.310

■ 79, 6.948, 103.310

■ 100, 6.948,
103.310

■ 69, 6.948, 103.310

■ 99, 6.948, 103.310

■ 59, 6.948, 103.310

■ 49, 6.948, 103.310

■ 39, 6.948, 103.310

■ 29, 6.948, 103.310

■ 19, 6.948, 103.310

■ 9, 6.948, 103.310

■ 0, 6.948, 103.310

■ 79, 6.948, 103.310

■ 79, 6.948, 103.310

78, 16.156,
102.246

80, 2.233, 284.453

77, 25.341,
101.139

81, 11.366,
285.430

76, 34.431,
100.019

83, 20.435,
286.405

75, 43.298, 98.899

84, 25.642,
286.141

74, 51.732, 97.791

84, 24.301,
283.621

73, 59.398, 96.709

85, 23.011,
280.826

72, 65.808, 95.661

71, 70.365, 94.644

86, 21.782,
277.721

71, 72.699, 93.634

86, 20.623,
274.273

87, 19.547,
270.447

Harmonies

Complementary

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



79, 6.948, 103.310



75, 7.043, 285.004

Rectangle

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



79, 6.948, 103.310



79, 6.948, 153.310



79, 6.948, 283.310



79, 6.948, 333.310

Sweetspot

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



79, 6.950, 103.323



100, 2.242, 103.866



76, 5.741, 9.025



53, 1.274, 103.873



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, 6.950, 103.323



99, 10.143, 103.159



79, 8.254, 123.905



41, 5.224, 103.132



59, 63.417, 93.538



12, 17.351, 97.797

Inverse Universe

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



75, 7.043, 285.004



93, 10.300, 285.187



75, 8.374, 304.669



39, 5.306, 285.217



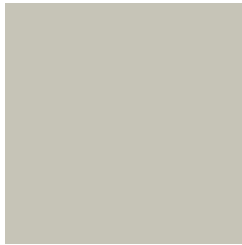
21, 88.655, 304.100



2, 19.511, 288.114

Previews

White Background



This preview shows how the CIELCh color 79, 6.948, 103.310 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, 6.948, 103.310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

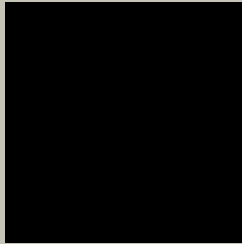
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

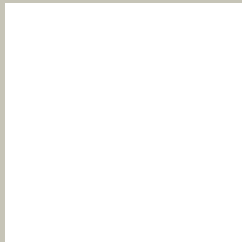
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 6.948, 103.310

Background



This preview shows how black text looks on a background with the CIELCh color 79, 6.948, 103.310.

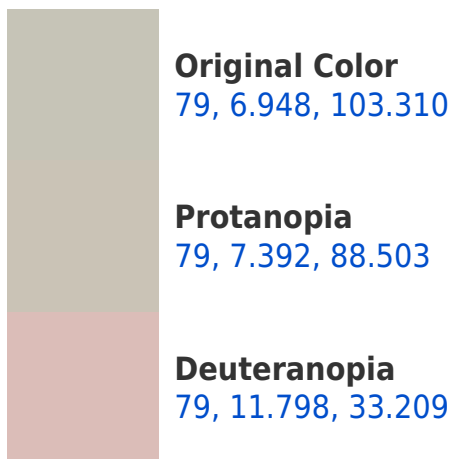



This preview shows how white text looks on a background with the CIELCh color 79, 6.948, 103.310.

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
79, 9.330, 313.612

Trichromacy



Original Color
79, 6.948, 103.310

Protanomaly
79, 7.266, 91.314

Deuteranomaly
79, 8.388, 50.238

Tritanomaly
79, 4.373, 332.520

Monochromacy



Original Color
79, 6.948, 103.310

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 2.152, 100.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 6.948, 103.310 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, 196, 183)` looks like.

```
.text, #text, p{  
    color:rgb(198, 196, 183)  
}
```

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, 196, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 196, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 6.948, 103.310 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, 196, 183) }
```

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

```
.border{ border-color:rgb(198, 196, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 196, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 196, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 196, 183);  
box-shadow:4px 4px 4px 4px rgb(198, 196,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 6.948, 103.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 196, 183) }
```

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

```
.background{ background-color: rgb(198,  
196, 183) }
```

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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