

Converting Colors

CIELCh(79, 9.880, 100.367)

Have a look what the booklet for
CIELCh(79, 9.880, 100.367) contains.

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Color

CIELCh(79, 9.680, 100.235)

Conversions

Conversions Part 1

Format	Color
Hex	C8C4B2
RGB	200, 196, 178
RGB Percent	78%, 77%, 70%
CMY	0.2160, 0.2316, 0.3022
CMYK	0.00, 0.02, 0.11, 0.22
HSL	49°, 17%, 74%
HSV	49°, 11%, 78%
XYZ	51.5527, 54.9284, 49.9678
YIQ	195.1440, 8.1620, -4.7500

Conversions

Conversions Part 2

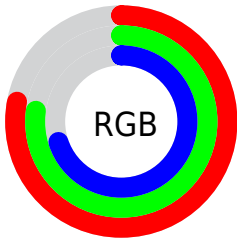
Format	Color
RYB	183, 200, 178
Decimal	13157554
CIELab	79.00, -1.72, 9.53
CIELCh	79, 9.680, 100.235
Yxy	54.9284, 0.3295, 0.3511
Android (android.graphics.Color)	4291347634 (0xFFC8C4B2)
YUV	195.1440, -8.4520, 4.2587
Hunter-Lab	74.1137, -5.5363, 11.9060

Details

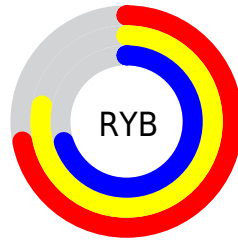
The CIELCh color **79, 9.680, 100.235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 9.820, 282.805**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 9.652, 105.161**, and **59, 9.718, 99.375** is the 20% darker color. If you saturate the color by 10%, you get **78, 18.537, 99.105**, and if you desaturate by 10%, it is **80, 0.870, 101.206**.

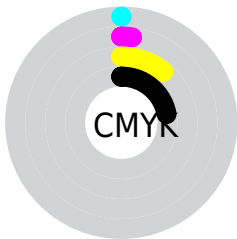
Distribution



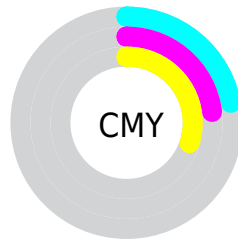
- Red (78%)
- Green (77%)
- Blue (70%)



- Red (72%)
- Yellow (78%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (22%)



- Cyan (22%)
- Magenta (23%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 9.680, 100.235 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, 9.680, 100.235 by changing the saturation by 10% instead.

■ 79, 9.680, 100.235

■ 79, 9.680, 100.235

■ 100, 9.680,
100.235

■ 69, 9.680, 100.235

■ 99, 9.680, 100.235

■ 59, 9.680, 100.235

■ 49, 9.680, 100.235

■ 39, 9.680, 100.235

■ 29, 9.680, 100.235

■ 19, 9.680, 100.235

■ 9, 9.680, 100.235

■ 0, 9.680, 100.235

■ 79, 9.680, 100.235

■ 79, 9.680, 100.235

78, 18.537, 99.105

80, 0.870, 101.206

76, 27.394, 97.933

82, 7.873, 282.469

75, 36.172, 96.740

83, 16.535,
283.490

74, 44.735, 95.537

85, 23.608,
283.795

73, 52.849, 94.328

71, 60.138, 93.114

86, 21.847,
279.761

70, 66.053, 91.882

87, 20.210,
275.077

69, 69.948, 90.596

69, 71.726, 89.368

88, 18.730,
269.645

89, 17.442,
263.383

90, 16.389,
256.262

Harmonies

Complementary

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



79, 9.680, 100.235



74, 9.820, 282.805

Rectangle

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



79, 9.680, 100.235



79, 9.680, 150.235



79, 9.680, 280.235



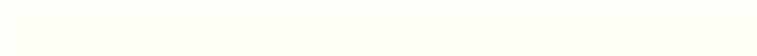
79, 9.680, 330.235

Sweetspot

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



79, 9.682, 100.246



99, 3.199, 101.096



74, 8.607, 5.499



53, 2.428, 101.017



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, 9.682, 100.246



98, 13.949, 100.000



80, 11.982, 121.823



41, 4.966, 100.426



57, 61.775, 89.593



11, 16.381, 93.995

Inverse Universe

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



74, 9.820, 282.805



91, 14.182, 283.090



74, 12.235, 303.061



39, 5.029, 282.601



22, 84.778, 302.784



2, 18.804, 286.599

Previews

White Background



This preview shows how the CIELCh color 79, 9.680, 100.235 looks on a white background.

Color Contrast Check

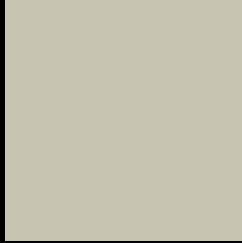
Large Text (above 18pt) WCAG AA × Fail

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, 9.680, 100.235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

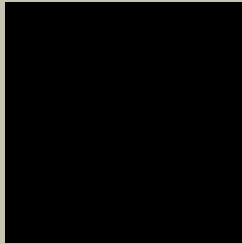
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

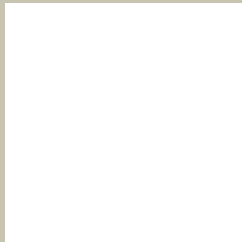
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 9.680, 100.235

Background



This preview shows how black text looks on a background with the CIELCh color 79, 9.680, 100.235.



This preview shows how white text looks on a background with the CIELCh color 79, 9.680, 100.235.

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, 9.680, 100.235

Protanopia

79, 10.040, 91.528

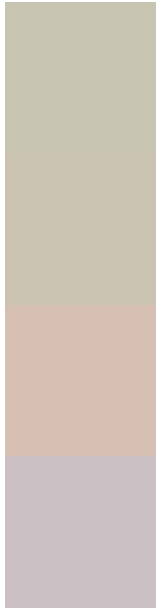
Deuteranopia

79, 13.149, 43.965



Tritanopia
79, 9.165, 319.106

Trichromacy



Original Color
79, 9.680, 100.235

Protanomaly
79, 9.931, 93.647

Deuteranomaly
79, 10.648, 60.179

Tritanomaly
79, 4.041, 356.295

Monochromacy



Original Color
79, 9.680, 100.235

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 3.268, 96.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 9.680, 100.235 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(200, 196, 178)` looks like.

```
.text, #text, p{  
    color:rgb(200, 196, 178)  
}
```

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(200, 196, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 196, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 9.680, 100.235 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(200, 196, 178) }
```

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

```
.border{ border-color:rgb(200, 196, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 196, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 196, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 196, 178);  
box-shadow:4px 4px 4px 4px rgb(200, 196,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 9.680, 100.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 196, 178) }
```

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

```
.background{ background-color: rgb(200,  
196, 178) }
```

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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