

Converting Colors

CIELCh(79, 12.710, 98.696)

Have a look what the booklet for
CIELCh(79, 12.710, 98.696) contains.

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Color

CIELCh(79, 12.951, 98.702)

Conversions

Conversions Part 1

Format	Color
Hex	CAC4AC
RGB	202, 196, 172
RGB Percent	79%, 77%, 67%
CMY	0.2084, 0.2319, 0.3260
CMYK	0.00, 0.03, 0.15, 0.21
HSL	48°, 22%, 73%
HSV	48°, 15%, 79%
XYZ	51.4619, 54.9284, 46.8517
YIQ	195.0580, 11.2800, -6.1920

Conversions

Conversions Part 2

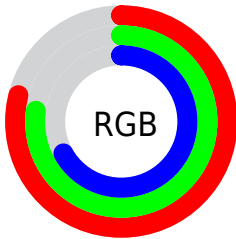
Format	Color
RYB	180, 202, 172
Decimal	13288620
CIELab	79.00, -1.96, 12.80
CIELCh	79, 12.951, 98.702
Yxy	54.9284, 0.3358, 0.3584
Android (android.graphics.Color)	4291478700 (0xFFCAC4AC)
YUV	195.0580, -11.3676, 6.0881
Hunter-Lab	74.1137, -5.7549, 14.3989

Details

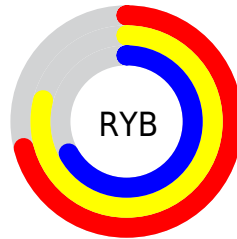
The CIELCh color **79, 12.951, 98.702** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73, 13.167, 282.270**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.190, 106.011**, and **59, 12.637, 97.382** is the 20% darker color. If you saturate the color by 10%, you get **78, 21.738, 97.535**, and if you desaturate by 10%, it is **81, 4.213, 99.832**.

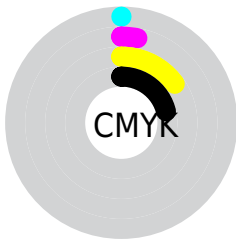
Distribution



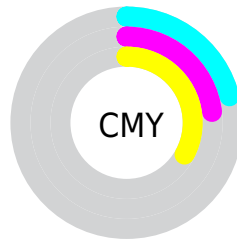
- Red (79%)
- Green (77%)
- Blue (67%)



- Red (71%)
- Yellow (79%)
- Blue (67%)



- Cyan (0%)
- Magenta (3%)
- Yellow (15%)
- Black (21%)



- Cyan (21%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 12.951, 98.702 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, 12.951, 98.702 by changing the saturation by 10% instead.

■ 79, 12.951, 98.702

■ 79, 12.951, 98.702

■ 100, 12.951,
98.702

■ 69, 12.951, 98.702

■ 99, 12.951, 98.702

■ 59, 12.951, 98.702

■ 49, 12.951, 98.702

■ 39, 12.951, 98.702

■ 29, 12.951, 98.702

■ 19, 12.951, 98.702

■ 9, 12.951, 98.702

■ 0, 12.951, 98.702

■ 79, 12.951, 98.702

■ 79, 12.951, 98.702

78, 21.738, 97.535

81, 4.213, 99.832

76, 30.516, 96.331

82, 4.455, 281.012

75, 39.195, 95.105

84, 13.036,
282.052

73, 47.608, 93.864

85, 21.526,
283.065

72, 55.480, 92.610

71, 62.365, 91.332

86, 20.822,
278.996

70, 67.645, 90.002

87, 19.048,
273.414

69, 70.684, 88.559

68, 71.625, 87.782

89, 17.487,
266.808

90, 16.197,
259.080

91, 15.242,
250.256

Harmonies

Complementary

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



79, 12.951, 98.702



73, 13.167, 282.270

Rectangle

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



79, 12.951, 98.702



79, 12.951, 148.702



79, 12.951, 278.702



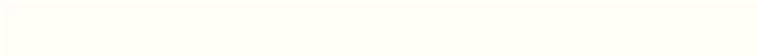
79, 12.951, 328.702

Sweetspot

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



79, 12.952, 98.711



99, 4.188, 99.915



73, 11.898, 4.656



53, 2.979, 99.836



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, 12.952, 98.711



97, 18.991, 98.317



80, 16.260, 120.955



42, 4.974, 99.334



57, 61.946, 88.025



12, 17.526, 91.991

Inverse Universe

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



73, 13.167, 282.270



88, 19.375, 282.751



72, 16.729, 302.711



40, 5.032, 281.550



23, 84.196, 302.232



3, 20.304, 286.962

Previews

White Background



This preview shows how the CIELCh color 79, 12.951, 98.702 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, 12.951, 98.702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

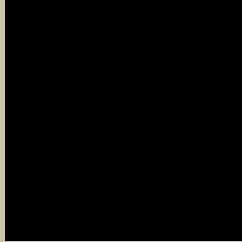
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

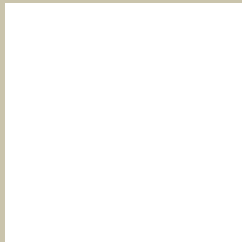
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 12.951, 98.702

Background



This preview shows how black text looks on a background with the CIELCh color 79, 12.951, 98.702.



This preview shows how white text looks on a background with the CIELCh color 79, 12.951, 98.702.

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, 12.951, 98.702

Protanopia

79, 13.328, 92.085

Deuteranopia

79, 15.943, 50.145



Tritanopia
79, 9.951, 326.571

Trichromacy



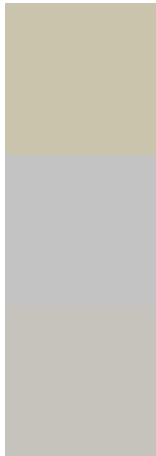
Original Color
79, 12.951, 98.702

Protanomaly
79, 13.220, 93.705

Deuteranomaly
79, 13.426, 65.148

Tritanomaly
79, 4.493, 12.845

Monochromacy



Original Color
79, 12.951, 98.702

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 4.314, 99.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 12.951, 98.702 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(202, 196, 172)` looks like.

```
.text, #text, p{  
    color:rgb(202, 196, 172)  
}
```

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(202, 196, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 196, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 12.951, 98.702 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(202, 196, 172) }
```

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

```
.border{ border-color:rgb(202, 196, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 196, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 196, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 196, 172);  
box-shadow:4px 4px 4px 4px rgb(202, 196,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 12.951, 98.702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 196, 172) }
```

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

```
.background{ background-color: rgb(202,  
196, 172) }
```

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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