

Converting Colors

CIELCh(78, 11.145, 98.698)

Have a look what the booklet for
CIELCh(78, 11.145, 98.698) contains.

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Color

CIELCh(78, 11.348, 99.370)

Conversions

Conversions Part 1

Format	Color
Hex	C6C1AC
RGB	198, 193, 172
RGB Percent	78%, 76%, 67%
CMY	0.2230, 0.2426, 0.3249
CMYK	0.00, 0.03, 0.13, 0.22
HSL	48°, 19%, 73%
HSV	48°, 13%, 78%
XYZ	49.8877, 53.2120, 46.7411
YIQ	192.1010, 9.7210, -5.4710

Conversions

Conversions Part 2

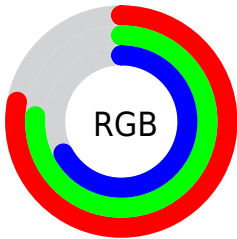
Format	Color
RYB	178, 198, 172
Decimal	13025708
CIELab	78.00, -1.85, 11.20
CIELCh	78, 11.348, 99.370
Yxy	53.2120, 0.3329, 0.3551
Android (android.graphics.Color)	4291215788 (0xFFC6C1AC)
YUV	192.1010, -9.9098, 5.1734
Hunter-Lab	72.9466, -5.5815, 13.0720

Details

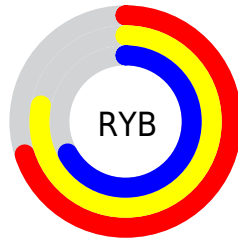
The CIELCh color **78, 11.348, 99.370** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72, 11.526, 282.479**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 11.379, 98.242**, and **58, 11.417, 100.525** is the 20% darker color. If you saturate the color by 10%, you get **77, 20.060, 98.220**, and if you desaturate by 10%, it is **79, 2.684, 100.468**.

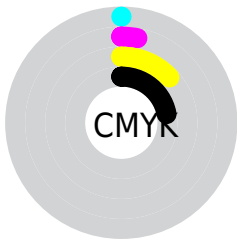
Distribution



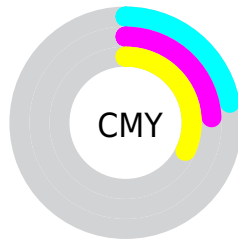
- Red (78%)
- Green (76%)
- Blue (67%)



- Red (70%)
- Yellow (78%)
- Blue (67%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (22%)



- Cyan (22%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 11.348, 99.370 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 78, 11.348, 99.370 by changing the saturation by 10% instead.

■ 78, 11.348, 99.370

■ 78, 11.348, 99.370

■ 100, 11.348,
99.370

■ 68, 11.348, 99.370

■ 98, 11.348, 99.370

■ 58, 11.348, 99.370

■ 48, 11.348, 99.370

■ 38, 11.348, 99.370

■ 28, 11.348, 99.370

■ 18, 11.348, 99.370

■ 8, 11.348, 99.370

■ 0, 11.348, 99.370

■ 78, 11.348, 99.370

■ 78, 11.348, 99.370

77, 20.060, 98.220

79, 2.684, 100.468

75, 28.768, 97.031

81, 5.911, 281.642

74, 37.388, 95.821

83, 14.424,
282.675

73, 45.772, 94.597

84, 22.850,
283.673

71, 53.666, 93.364

85, 22.848,
280.538

70, 60.667, 92.117

69, 66.192, 90.834

86, 21.104,
275.888

68, 69.605, 89.466

87, 19.521,
270.480

67, 70.893, 88.471

88, 18.137,
264.221

89, 17.000,
257.072

Harmonies

Complementary

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



78, 11.348, 99.370



72, 11.526, 282.479

Rectangle

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



78, 11.348, 99.370



78, 11.348, 149.370



78, 11.348, 279.370



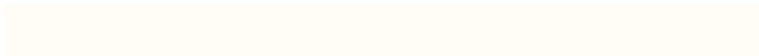
78, 11.348, 329.370

Sweetspot

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



78, 11.349, 99.379



99, 4.223, 100.376



73, 10.304, 4.461



53, 3.003, 100.298



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 11.349, 99.379



97, 17.001, 99.022



79, 14.149, 121.058



41, 4.911, 99.801



56, 61.464, 88.703



11, 16.180, 93.103

Inverse Universe

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



72, 11.526, 282.479



89, 17.324, 282.905



72, 14.509, 302.594



39, 4.970, 281.996



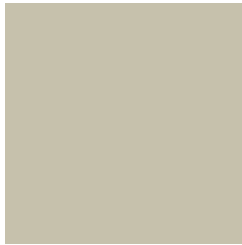
22, 83.847, 302.452



2, 18.652, 286.255

Previews

White Background



This preview shows how the CIELCh color 78, 11.348, 99.370 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 78, 11.348, 99.370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

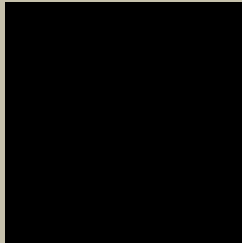
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

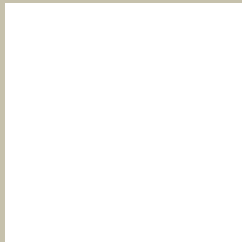
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 11.348, 99.370

Background



This preview shows how black text looks on a background with the CIELCh color 78, 11.348, 99.370.



This preview shows how white text looks on a background with the CIELCh color 78, 11.348, 99.370.

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

78, 11.348, 99.370

Protanopia

78, 11.208, 91.123

Deuteranopia

78, 14.070, 47.155



Tritanopia
78, 8.915, 322.828

Trichromacy



Original Color
78, 11.348, 99.370

Protanomaly
78, 11.094, 93.033

Deuteranomaly
78, 12.106, 64.457

Tritanomaly
78, 3.758, 11.406

Monochromacy



Original Color
78, 11.348, 99.370

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 3.801, 98.466

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 11.348, 99.370 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, 193, 172)` looks like.

```
.text, #text, p{  
    color:rgb(198, 193, 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(198, 193, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 193, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 11.348, 99.370 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, 193, 172) }
```

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

```
.border{ border-color:rgb(198, 193, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 193, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 193, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 193, 172);  
box-shadow:4px 4px 4px 4px rgb(198, 193,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 11.348, 99.370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 193, 172) }
```

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

```
.background{ background-color: rgb(198,  
193, 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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