

Converting Colors

CIELCh(78, 12.276, 113.607)

Have a look what the booklet for
CIELCh(78, 12.276, 113.607)
contains.

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Color

CIELCh(78, 12.306, 114.397)

Conversions

Conversions Part 1

Format	Color
Hex	C0C3AC
RGB	192, 195, 172
RGB Percent	75%, 76%, 67%
CMY	0.2471, 0.2353, 0.3255
CMYK	0.02, 0.00, 0.12, 0.24
HSL	68°, 16%, 72%
HSV	68°, 12%, 76%
XYZ	48.6967, 53.2120, 46.7313
YIQ	191.4810, 5.5950, -7.7890

Conversions

Conversions Part 2

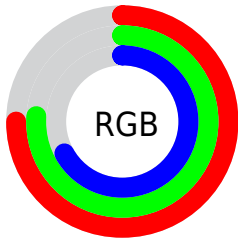
Format	Color
RYB	172, 195, 175
Decimal	12633004
CIELab	78.00, -5.08, 11.21
CIELCh	78, 12.306, 114.397
Yxy	53.2120, 0.3276, 0.3580
Android (android.graphics.Color)	4290823084 (0xFFC0C3AC)
YUV	191.4810, -9.6041, 0.4552
Hunter-Lab	72.9466, -8.4959, 13.0800

Details

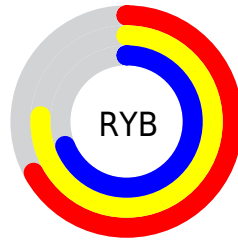
The CIELCh color **78, 12.306, 114.397** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71, 12.635, 296.273**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 12.781, 115.720**, and **58, 11.933, 114.695** is the 20% darker color. If you saturate the color by 10%, you get **77, 22.670, 113.629**, and if you desaturate by 10%, it is **79, 1.869, 115.160**.

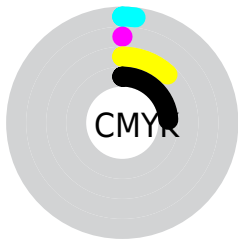
Distribution



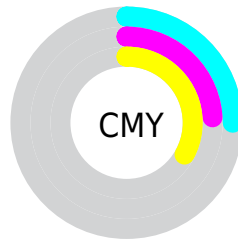
- Red (75%)
- Green (76%)
- Blue (67%)



- Red (67%)
- Yellow (76%)
- Blue (69%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)





- Cyan (25%)
- Magenta (24%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 12.306, 114.397 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, 12.306, 114.397 by changing the saturation by 10% instead.


 78, 12.306,
114.397


 78, 12.306,
114.397

 100, 12.306,
114.397


 68, 12.306,
114.397


 98, 12.306,
114.397

 58, 12.306,
114.397

 48, 12.306,
114.397

 38, 12.306,
114.397

 28, 12.306,
114.397

 18, 12.306,
114.397

 8, 12.306, 114.397

■ 0, 12.306, 114.397

■ 78, 12.306,
114.397

■ 78, 12.306,
114.397

■ 77, 22.670,
113.629

■ 79, 1.869, 115.160

■ 79, 8.590, 295.911

■ 77, 32.873,
112.859

■ 80, 19.033,
296.621

■ 76, 42.795,
112.118

■ 81, 29.430,
297.297

■ 76, 52.245,
111.438

■ 81, 32.147,
298.562

■ 76, 60.943,
110.866

■ 82, 32.242,
300.039

■ 75, 68.493,
110.465

■ 82, 32.358,

■ 75, 74.414,
110.307

301.516

■ 75, 78.286,
110.464

■ 82, 32.494,
302.990

■ 75, 80.137,
110.797

■ 82, 32.649,
304.460

Harmonies

Complementary

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



78, 12.306, 114.397



71, 12.635, 296.273

Rectangle

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



78, 12.306, 114.397



78, 12.306, 164.397



78, 12.306, 294.397



78, 12.306, 344.397

Sweetspot

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



78, 12.308, 114.403



99, 5.146, 114.993



73, 7.945, 30.481



53, 3.688, 114.935



0, 0.000, 0.000



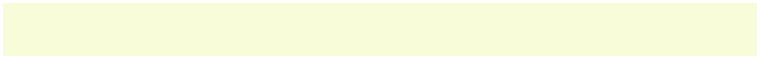
53, 0.007, 296.813

Same Dimension

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



78, 12.308, 114.403



98, 18.004, 114.216



77, 13.448, 132.549



41, 5.887, 114.590



62, 69.394, 110.688



12, 18.852, 114.594

Inverse Universe

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



71, 12.635, 296.273



88, 18.579, 296.494



72, 13.614, 313.518



37, 6.014, 296.059



19, 93.913, 306.824



1, 19.544, 294.663

Previews

White Background



This preview shows how the CIELCh color 78, 12.306, 114.397 looks on a white background.

Color Contrast Check

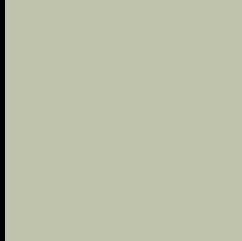
Large Text (above 18pt) WCAG AA × Fail

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, 12.306, 114.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

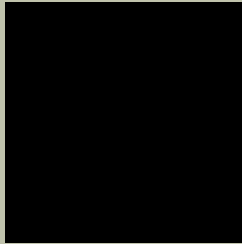
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 12.306, 114.397

Background



This preview shows how black text looks on a background with the CIELCh color 78, 12.306, 114.397.

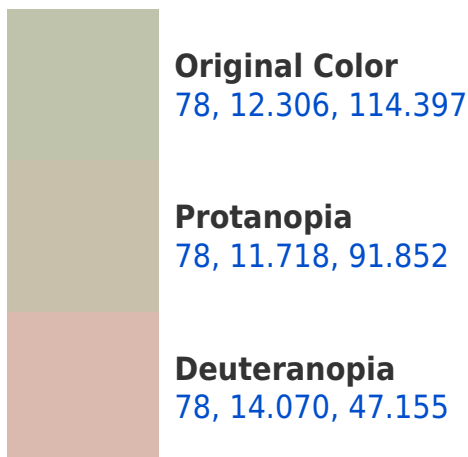



This preview shows how white text looks on a background with the CIELCh color 78, 12.306, 114.397.

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
78, 8.466, 308.217

Trichromacy



Original Color
78, 12.306, 114.397

Protanomaly
78, 11.873, 99.739

Deuteranomaly
78, 11.556, 67.195

Tritanomaly
78, 1.239, 353.462

Monochromacy



Original Color
78, 12.306, 114.397

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 4.291, 114.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 12.306, 114.397 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(192, 195, 172)` looks like.

```
.text, #text, p{  
    color:rgb(192, 195, 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(192, 195, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 195, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 12.306, 114.397 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(192, 195, 172) }
```

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

```
.border{ border-color:rgb(192, 195, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 195, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 195, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 195, 172);  
box-shadow:4px 4px 4px 4px rgb(192, 195,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 12.306, 114.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 195, 172) }
```

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

```
.background{ background-color: rgb(192,  
195, 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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