

Converting Colors

CIELCh(79, 12.300, 120.036)

Have a look what the booklet for
CIELCh(79, 12.300, 120.036)
contains.

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Color

CIELCh(79, 11.924, 120.116)

Conversions

Conversions Part 1

Format	Color
Hex	C0C6B0
RGB	192, 198, 176
RGB Percent	75%, 78%, 69%
CMY	0.2458, 0.2223, 0.3086
CMYK	0.03, 0.00, 0.11, 0.22
HSL	76°, 16%, 73%
HSV	76°, 11%, 78%
XYZ	49.9527, 54.9284, 49.2056
YIQ	193.6980, 3.4860, -8.1140

Conversions

Conversions Part 2

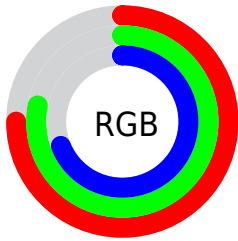
Format	Color
RYB	176, 198, 182
Decimal	12633776
CIELab	79.00, -5.98, 10.31
CIELCh	79, 11.924, 120.116
Yxy	54.9284, 0.3242, 0.3565
Android (android.graphics.Color)	4290823856 (0xFFC0C6B0)
YUV	193.6980, -8.7251, -1.4891
Hunter-Lab	74.1137, -9.3899, 12.5157

Details

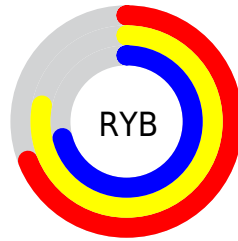
The CIELCh color **79, 11.924, 120.116** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73, 12.194, 301.470**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **99, 11.943, 121.456**, and **59, 12.091, 120.436** is the 20% darker color. If you saturate the color by 10%, you get **78, 22.627, 119.510**, and if you desaturate by 10%, it is **80, 1.172, 120.745**.

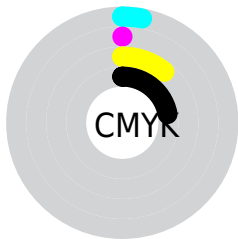
Distribution



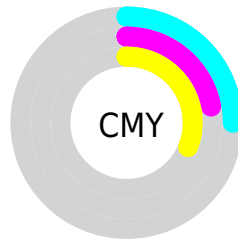
- Red (75%)
- Green (78%)
- Blue (69%)



- Red (69%)
- Yellow (78%)
- Blue (71%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)





- Cyan (25%)
- Magenta (22%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 11.924, 120.116 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, 11.924, 120.116 by changing the saturation by 10% instead.


 79, 11.924,
120.116


 79, 11.924,
120.116


 100, 11.924,
120.116


 69, 11.924,
120.116


 99, 11.924,
120.116

 59, 11.924,
120.116

 49, 11.924,
120.116

 39, 11.924,
120.116

 29, 11.924,
120.116

 19, 11.924,
120.116

 9, 11.924, 120.116

■ 0, 11.924, 120.116

■ 79, 11.924,
120.116

■ 79, 11.924,
120.116

■ 78, 22.627,
119.510

■ 80, 1.172, 120.745

■ 77, 33.192,
118.901

■ 81, 9.578, 301.278

■ 77, 43.498,
118.318

■ 82, 20.283,
301.819

■ 76, 53.361,
117.800

■ 83, 30.579,
302.416

■ 76, 62.508,
117.404

■ 83, 30.930,
305.735

■ 75, 70.555,
117.210

■ 84, 31.378,
309.008

■ 84, 31.922,

■ 75, 77.028,
117.319

312.214

■ 74, 81.492,
117.835

■ 85, 32.559,
315.336

■ 74, 83.940,
118.605

■ 85, 33.286,
318.362

Harmonies

Complementary

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



79, 11.924, 120.116



73, 12.194, 301.470

Rectangle

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



79, 11.924, 120.116



79, 11.924, 170.116



79, 11.924, 300.116



79, 11.924, 350.116

Sweetspot

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



79, 11.926, 120.121



100, 3.947, 120.610



75, 6.923, 46.826



53, 2.994, 120.560



0, 0.000, 0.000



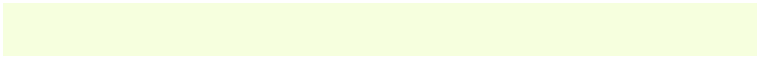
53, 0.007, 296.813

Same Dimension

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



79, 11.926, 120.121



99, 17.129, 119.994



78, 13.382, 137.319



42, 6.109, 120.225



62, 72.556, 118.412



12, 21.180, 121.405

Inverse Universe

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



73, 12.194, 301.470



90, 17.582, 301.615



74, 13.476, 318.267



39, 6.227, 301.355



21, 93.311, 308.071



2, 21.766, 298.892

Previews

White Background



This preview shows how the CIELCh color 79, 11.924, 120.116 looks on a white background.

Color Contrast Check

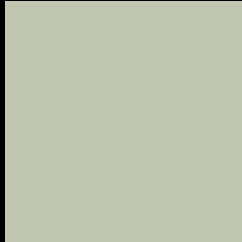
Large Text (above 18pt) WCAG AA × Fail

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, 11.924, 120.116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

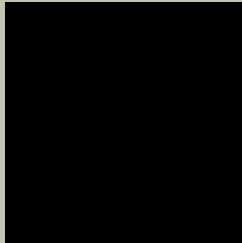
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

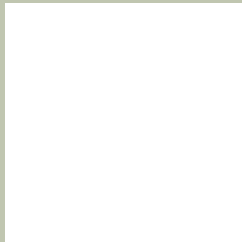
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 11.924, 120.116

Background



This preview shows how black text looks on a background with the CIELCh color 79, 11.924, 120.116.



This preview shows how white text looks on a background with the CIELCh color 79, 11.924, 120.116.

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, 11.924, 120.116

Protanopia

79, 11.683, 91.878

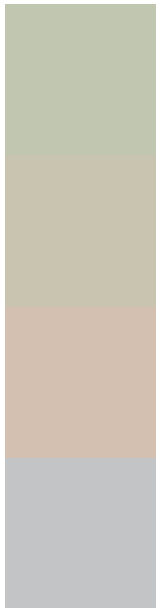
Deuteranopia

79, 13.758, 45.274



Tritanopia
79, 8.109, 298.494

Trichromacy



Original Color
79, 11.924, 120.116

Protanomaly
79, 11.258, 101.324

Deuteranomaly
79, 10.847, 66.948

Tritanomaly
79, 0.649, 256.099

Monochromacy



Original Color
79, 11.924, 120.116

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 4.411, 124.402

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 11.924, 120.116 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, 198, 176)` looks like.

```
.text, #text, p{  
    color:rgb(192, 198, 176)  
}
```

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, 198, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 198, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 11.924, 120.116 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, 198, 176) }
```

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

```
.border{ border-color:rgb(192, 198, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 198, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 198, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 198, 176);  
box-shadow:4px 4px 4px 4px rgb(192, 198,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 11.924, 120.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 198, 176) }
```

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

```
.background{ background-color: rgb(192,  
198, 176) }
```

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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