

Converting Colors

CIELCh(79, 1.143, 129.011)

Have a look what the booklet for
CIELCh(79, 1.143, 129.011) contains.

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Color

CIELCh(79, 1.123, 129.128)

Conversions

Conversions Part 1

Format	Color
Hex	C3C4C2
RGB	195, 196, 194
RGB Percent	76%, 77%, 76%
CMY	0.2356, 0.2317, 0.2395
CMYK	0.01, 0.00, 0.01, 0.23
HSL	90°, 2%, 76%
HSV	90°, 1%, 77%
XYZ	51.9372, 54.9284, 58.8585
YIQ	195.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

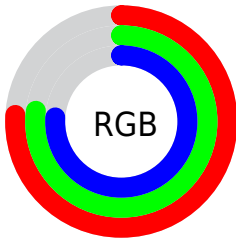
Format	Color
RYB	194, 196, 195
Decimal	12829890
CIELab	79.00, -0.71, 0.87
CIElCh	79, 1.123, 129.128
Yxy	54.9284, 0.3134, 0.3314
Android (android.graphics.Color)	4291019970 (0xFFC3C4C2)
YUV	195.4730, -0.7262, -0.4148
Hunter-Lab	74.1137, -4.6102, 4.7936

Details

The CIELCh color **79, 1.123, 129.128** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 1.145, 309.041**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.557, 123.031**, and **59, 1.195, 129.087** is the 20% darker color. If you saturate the color by 10%, you get **78, 12.250, 128.622**, and if you desaturate by 10%, it is **80, 9.933, 309.453**.

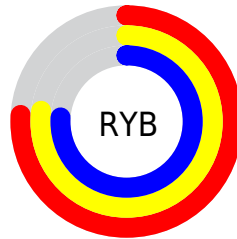
Distribution



Red (76%)

Green (77%)

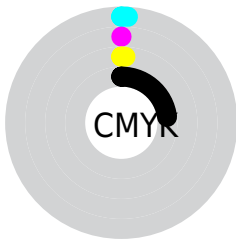
Blue (76%)



Red (76%)

Yellow (77%)

Blue (76%)

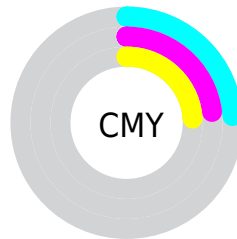


Cyan (1%)

Magenta (0%)

Yellow (1%)

Black (23%)



Cyan (24%)

Magenta (23%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 1.123, 129.128 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, 1.123, 129.128 by changing the saturation by 10% instead.

■ 79, 1.123, 129.128

■ 79, 1.123, 129.128

■ 100, 1.123,
129.128

■ 69, 1.123, 129.128

■ 99, 1.123, 129.128

■ 59, 1.123, 129.128

■ 49, 1.123, 129.128

■ 39, 1.123, 129.128

■ 29, 1.123, 129.128

■ 19, 1.123, 129.128

■ 9, 1.123, 129.128

■ 0, 1.123, 129.128

■ 79, 1.123, 129.128

■ 79, 1.123, 129.128

78, 12.250,
128.622

80, 9.933, 309.453

77, 23.377,
128.148

82, 20.879,
309.832

76, 34.414,
127.663

83, 31.679,
310.170

75, 45.233,
127.188

84, 33.888,
315.047

74, 55.643,
126.762

85, 35.233,
320.262

73, 65.375,
126.447

86, 36.838,
325.142

72, 74.052,
126.338

86, 37.050,
325.712

72, 81.207,
126.555

71, 86.406,

Harmonies

Complementary

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



79, 1.123, 129.128



79, 1.145, 309.041

Rectangle

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



79, 1.123, 129.128



79, 1.123, 179.128



79, 1.123, 309.128



79, 1.123, 359.128

Sweetspot

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



79, 1.125, 129.159

100, 0.012, 296.813



79, 0.638, 74.730



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



79, 1.125, 129.159



100, 1.363, 129.160



79, 1.297, 144.582



41, 0.618, 129.172



59, 77.112, 127.899



11, 21.126, 132.481

Inverse Universe

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



79, 1.145, 309.041



99, 1.387, 309.040



79, 1.314, 324.305



41, 0.630, 309.028



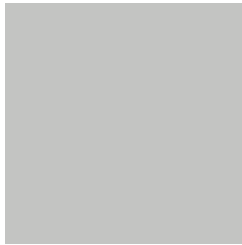
25, 88.214, 312.037



2, 20.217, 305.383

Previews

White Background



This preview shows how the CIE LCh color 79, 1.123, 129.128 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 CIE LCh color 79, 1.123, 129.128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

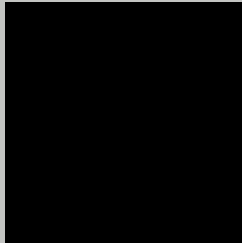
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

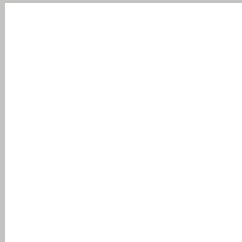
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 1.123, 129.128

Background



This preview shows how black text looks on a background with the CIELCh color 79, 1.123, 129.128.

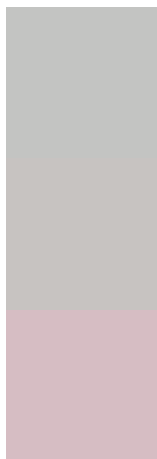


This preview shows how white text looks on a background with the CIELCh color 79, 1.123, 129.128.

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, 1.123, 129.128

Protanopia

79, 1.810, 55.192

Deuteranopia

79, 9.875, 1.329



Tritanopia
79, 8.109, 298.494

Trichromacy



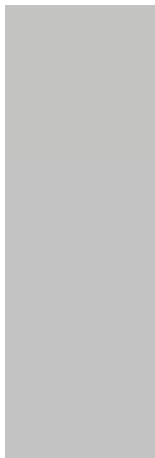
Original Color
79, 1.123, 129.128

Protanomaly
79, 1.524, 63.353

Deuteranomaly
79, 5.806, 3.827

Tritanomaly
79, 4.832, 294.903

Monochromacy



Original Color
79, 1.123, 129.128

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 0.010, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 1.123, 129.128 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(195, 196, 194)` looks like.

```
.text, #text, p{  
    color:rgb(195, 196, 194)  
}
```

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(195, 196, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 196, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 1.123, 129.128 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(195, 196, 194) }
```

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

```
.border{ border-color:rgb(195, 196, 194) }
```

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

Here you see how a box with a 4 pixel rgb(195, 196, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 196, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 196, 194);  
box-shadow:4px 4px 4px 4px rgb(195, 196,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 1.123, 129.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 196, 194) }
```

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

```
.background{ background-color: rgb(195,  
196, 194) }
```

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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