

Converting Colors

CIELCh(79, 1.434, 172.882)

Have a look what the booklet for
CIELCh(79, 1.434, 172.882) contains.

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Color

CIELCh(79, 1.223, 173.930)

Conversions

Conversions Part 1

Format	Color
Hex	C1C4C3
RGB	193, 196, 195
RGB Percent	76%, 77%, 76%
CMY	0.2421, 0.2303, 0.2342
CMYK	0.02, 0.00, 0.01, 0.23
HSL	160°, 2%, 76%
HSV	160°, 2%, 77%
XYZ	51.7440, 54.9284, 59.6661
YIQ	194.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

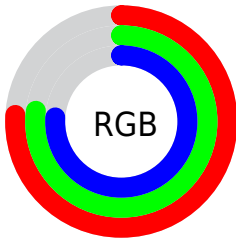
Format	Color
RYB	193, 195, 196
Decimal	12698819
CIELab	79.00, -1.22, 0.13
CIELCh	79, 1.223, 173.930
Yxy	54.9284, 0.3111, 0.3302
Android (android.graphics.Color)	4290888899 (0xFFC1C4C3)
YUV	194.9890, 0.0054, -1.7444
Hunter-Lab	74.1137, -5.0755, 4.1474

Details

The CIELCh color **79, 1.223, 173.930** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 1.240, 353.411**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.486, 179.770**, and **59, 0.963, 163.867** is the 20% darker color. If you saturate the color by 10%, you get **77, 9.217, 172.633**, and if you desaturate by 10%, it is **81, 6.818, 354.300**.

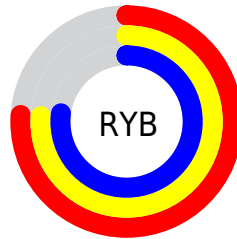
Distribution



Red (76%)

Green (77%)

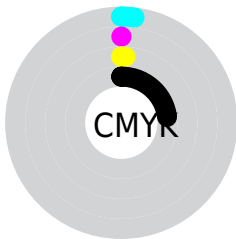
Blue (76%)



Red (76%)

Yellow (76%)

Blue (77%)

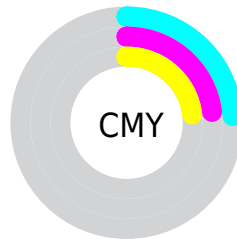


Cyan (2%)

Magenta (0%)

Yellow (1%)

Black (23%)



Cyan (24%)

Magenta (23%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 1.223, 173.930 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, 1.223, 173.930 by changing the saturation by 10% instead.

■ 79, 1.223, 173.930

■ 79, 1.223, 173.930

■ 100, 1.223,
173.930

■ 69, 1.223, 173.930

■ 99, 1.223, 173.930

■ 59, 1.223, 173.930

■ 49, 1.223, 173.930

■ 39, 1.223, 173.930

■ 29, 1.223, 173.930

■ 19, 1.223, 173.930

■ 9, 1.223, 173.930

■ 0, 1.223, 173.930

■ 79, 1.223, 173.930

■ 79, 1.223, 173.930

77, 9.217, 172.633

81, 6.818, 354.300

76, 17.062,
171.615

83, 14.835,
355.146

75, 24.647,
170.523

85, 22.768,
355.923

74, 31.841,
169.328

85, 25.124,
349.858

73, 38.513,
168.007

85, 26.900,
343.476

72, 44.536,
166.533

85, 28.988,
337.991

71, 49.811,
164.884

86, 31.323,
333.327

71, 54.284,
163.037

86, 33.852,
329.378

71, 57.968,
160.986

86, 36.531,
326.036

Harmonies

Complementary

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



79, 1.223, 173.930



78, 1.240, 353.411

Rectangle

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



79, 1.223, 173.930



79, 1.223, 223.930



79, 1.223, 353.930



79, 1.223, 43.930

Sweetspot

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



79, 1.225, 173.881

100, 0.012, 296.813



79, 1.755, 134.161



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, 1.225, 173.881



100, 1.981, 173.744



79, 0.961, 214.414



41, 0.898, 173.782



58, 51.947, 159.514



10, 16.135, 165.509

Inverse Universe

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



78, 1.240, 353.411



99, 2.003, 353.548



79, 0.968, 33.290



40, 0.909, 353.510



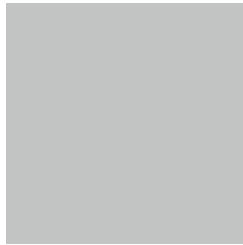
34, 61.002, 17.321



3, 14.756, 1.740

Previews

White Background



This preview shows how the CIELCh color 79, 1.223, 173.930 looks on a white background.

Color Contrast Check

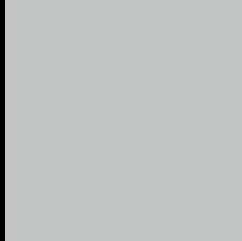
Large Text (above 18pt) WCAG AA × Fail

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, 1.223, 173.930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

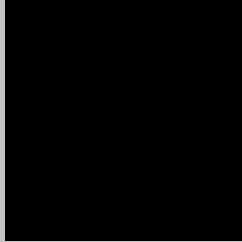
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

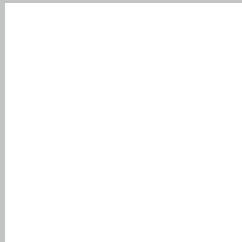
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 1.223, 173.930

Background



This preview shows how black text looks on a background with the CIELCh color 79, 1.223, 173.930.

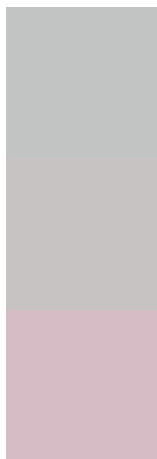


This preview shows how white text looks on a background with the CIELCh color 79, 1.223, 173.930.

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, 1.223, 173.930

Protanopia

79, 1.562, 39.080

Deuteranopia

79, 10.243, 355.663



Tritanopia
79, 8.036, 293.448

Trichromacy



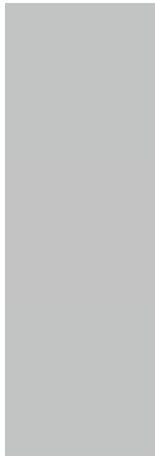
Original Color
79, 1.223, 173.930

Protanomaly
79, 0.900, 55.043

Deuteranomaly
79, 5.623, 357.506

Tritanomaly
79, 4.821, 286.348

Monochromacy



Original Color
79, 1.223, 173.930

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 0.365, 200.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 1.223, 173.930 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(193, 196, 195)` looks like.

```
.text, #text, p{  
    color:rgb(193, 196, 195)  
}
```

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(193, 196, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 196, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 1.223, 173.930 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(193, 196, 195) }
```

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

```
.border{ border-color:rgb(193, 196, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 196, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 196, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 196, 195);  
box-shadow:4px 4px 4px 4px rgb(193, 196,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 1.223, 173.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 196, 195) }
```

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

```
.background{ background-color: rgb(193,  
196, 195) }
```

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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