

Converting Colors

CIELCh(78, 1.753, 85.126)

Have a look what the booklet for
CIELCh(78, 1.753, 85.126) contains.

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Color

CIELCh(78, 1.750, 84.939)

Conversions

Conversions Part 1

Format	Color
Hex	C3C1BE
RGB	195, 193, 190
RGB Percent	76%, 76%, 75%
CMY	0.2369, 0.2447, 0.2565
CMYK	0.00, 0.01, 0.03, 0.24
HSL	36°, 4%, 75%
HSV	36°, 3%, 76%
XYZ	50.6342, 53.2120, 56.0893
YIQ	193.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

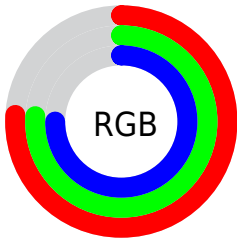
Format	Color
RYB	193, 195, 190
Decimal	12829118
CIELab	78.00, 0.15, 1.74
CIElCh	78, 1.750, 84.939
Yxy	53.2120, 0.3166, 0.3327
Android (android.graphics.Color)	4291019198 (0xFFC3C1BE)
YUV	193.2560, -1.6052, 1.5295
Hunter-Lab	72.9466, -3.7546, 5.4739

Details

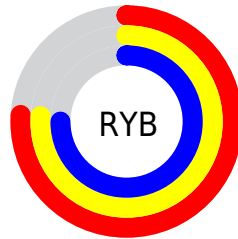
The CIELCh color **78, 1.750, 84.939** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 1.762, 265.964**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 1.841, 74.893**, and **58, 1.734, 96.829** is the 20% darker color. If you saturate the color by 10%, you get **76, 8.731, 83.864**, and if you desaturate by 10%, it is **81, 5.028, 266.445**.

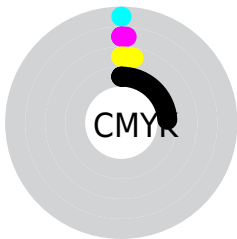
Distribution



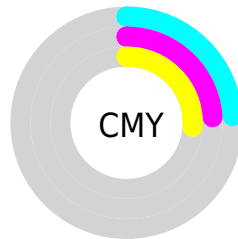
- Red (76%)
- Green (76%)
- Blue (75%)



- Red (76%)
- Yellow (76%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (24%)



- Cyan (24%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 1.750, 84.939 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, 1.750, 84.939 by changing the saturation by 10% instead.

■ 78, 1.750, 84.939 ■ 78, 1.750, 84.939

■ 100, 1.750, 84.939 ■ 68, 1.750, 84.939

■ 98, 1.750, 84.939 ■ 58, 1.750, 84.939

■ 48, 1.750, 84.939

■ 38, 1.750, 84.939

■ 28, 1.750, 84.939

■ 18, 1.750, 84.939

■ 8, 1.750, 84.939

■ 0, 1.750, 84.939

■ 78, 1.750, 84.939 ■ 78, 1.750, 84.939

76, 8.731, 83.864

81, 5.028, 266.445

73, 15.923, 82.569

83, 11.620,
267.589

71, 23.324, 81.230

86, 18.042,
268.706

68, 30.912, 79.852

66, 38.618, 78.432

88, 18.613,
260.987

64, 46.295, 76.948

90, 16.846,
245.703

62, 53.649, 75.350

60, 60.152, 73.525

92, 16.444,
228.525

58, 65.015, 71.267

94, 17.465,
212.123

96, 19.655,
198.559

96, 19.734,
198.204

Harmonies

Complementary

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



78, 1.750, 84.939



77, 1.762, 265.964

Rectangle

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



78, 1.750, 84.939



78, 1.750, 134.939



78, 1.750, 264.939



78, 1.750, 314.939

Sweetspot

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



78, 1.751, 85.003



99, 0.835, 84.944



77, 2.150, 349.438



53, 0.478, 84.929



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, 1.751, 85.003



98, 2.531, 84.968



78, 2.666, 113.894



41, 1.546, 84.907



47, 58.574, 69.845



7, 11.904, 70.341

Inverse Universe

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



77, 1.762, 265.964



97, 2.542, 266.001



77, 2.699, 294.325



40, 1.550, 266.067



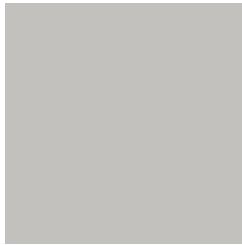
30, 61.242, 292.020



4, 14.208, 276.463

Previews

White Background



This preview shows how the CIELCh color 78, 1.750, 84.939 looks on a white background.

Color Contrast Check

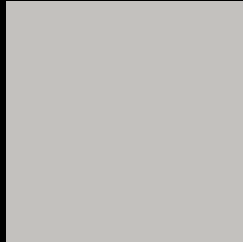
Large Text (above 18pt) WCAG AA × Fail

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 78, 1.750, 84.939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

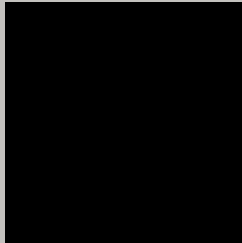
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

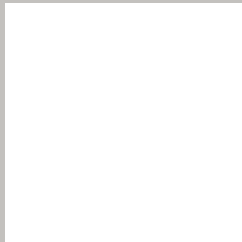
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 1.750, 84.939

Background



This preview shows how black text looks on a background with the CIELCh color 78, 1.750, 84.939.

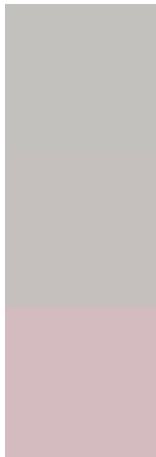


This preview shows how white text looks on a background with the CIELCh color 78, 1.750, 84.939.

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, 1.750, 84.939

Protanopia

78, 2.439, 60.283

Deuteranopia

78, 9.633, 7.384



Tritanopia
78, 8.466, 308.217

Trichromacy



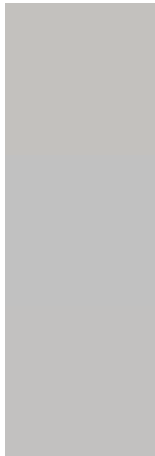
Original Color
78, 1.750, 84.939

Protanomaly
78, 2.170, 66.735

Deuteranomaly
78, 6.392, 15.060

Tritanomaly
78, 4.685, 313.442

Monochromacy



Original Color
78, 1.750, 84.939

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 0.638, 74.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 1.750, 84.939 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, 193, 190)` looks like.

```
.text, #text, p{  
    color:rgb(195, 193, 190)  
}
```

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, 193, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 193, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 1.750, 84.939 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, 193, 190) }
```

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

```
.border{ border-color:rgb(195, 193, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 193, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 193, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 193, 190);  
box-shadow:4px 4px 4px 4px rgb(195, 193,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 1.750, 84.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 193, 190) }
```

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

```
.background{ background-color: rgb(195,  
193, 190) }
```

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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