

Converting Colors

CIELCh(79, 1.918, 85.766)

Have a look what the booklet for
CIELCh(79, 1.918, 85.766) contains.

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Color

CIELCh(79, 1.747, 84.940)

Conversions

Conversions Part 1

Format	Color
Hex	C5C3C0
RGB	197, 195, 192
RGB Percent	77%, 76%, 75%
CMY	0.2261, 0.2339, 0.2457
CMYK	0.00, 0.01, 0.03, 0.23
HSL	36°, 4%, 76%
HSV	36°, 3%, 77%
XYZ	52.2667, 54.9284, 57.9216
YIQ	195.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

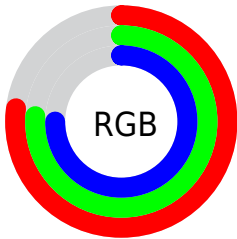
Format	Color
RYB	195, 197, 192
Decimal	12960704
CIELab	79.00, 0.15, 1.74
CIELCh	79, 1.747, 84.940
Yxy	54.9284, 0.3165, 0.3327
Android (android.graphics.Color)	4291150784 (0xFFC5C3C0)
YUV	195.2560, -1.6052, 1.5295
Hunter-Lab	74.1137, -3.8165, 5.5430

Details

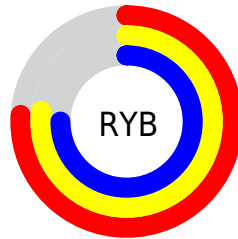
The CIELCh color $79, 1.747, 84.940$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 1.760, 265.962$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 2.134, 90.698$, and $59, 1.365, 74.883$ is the 20% darker color. If you saturate the color by 10%, you get $76, 8.808, 83.866$, and if you desaturate by 10%, it is $82, 5.108, 266.449$.

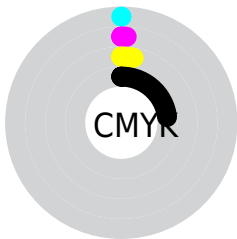
Distribution



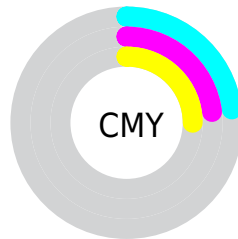
- Red (77%)
- Green (76%)
- Blue (75%)



- Red (76%)
- Yellow (77%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (23%)



- Cyan (23%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 1.747, 84.940 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, 1.747, 84.940 by changing the saturation by 10% instead.

■ 79, 1.747, 84.940 ■ 79, 1.747, 84.940

■ 100, 1.747, 84.940 ■ 69, 1.747, 84.940

■ 99, 1.747, 84.940 ■ 59, 1.747, 84.940

■ 49, 1.747, 84.940

■ 39, 1.747, 84.940

■ 29, 1.747, 84.940

■ 19, 1.747, 84.940

■ 9, 1.747, 84.940

■ 0, 1.747, 84.940

■ 79, 1.747, 84.940 ■ 79, 1.747, 84.940

76, 8.808, 83.866

82, 5.108, 266.449

74, 16.082, 82.571

84, 11.775,
267.595

72, 23.568, 81.230

87, 18.270,
268.713

69, 31.243, 79.851

67, 39.038, 78.429

89, 17.272,
257.427

65, 46.803, 76.944

91, 15.854,
240.474

63, 54.240, 75.344

60, 60.813, 73.516

93, 15.954,
222.259

58, 65.722, 71.253

95, 17.510,
205.955

96, 18.905,
198.257

Harmonies

Complementary

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



79, 1.747, 84.940



78, 1.760, 265.962

Rectangle

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



79, 1.747, 84.940



79, 1.747, 134.940



79, 1.747, 264.940



79, 1.747, 314.940

Sweetspot

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



79, 1.748, 85.004



100, 0.841, 84.944



78, 2.146, 349.433



53, 0.478, 84.929



0, 0.000, 0.000



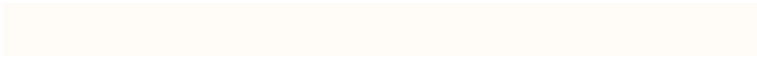
53, 0.007, 296.813

Same Dimension

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



79, 1.748, 85.004



99, 2.552, 84.968



79, 2.661, 113.896



42, 1.580, 84.905



48, 59.262, 69.799



8, 13.330, 70.451

Inverse Universe

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



78, 1.760, 265.962



98, 2.563, 266.001



78, 2.694, 294.322



41, 1.583, 266.068



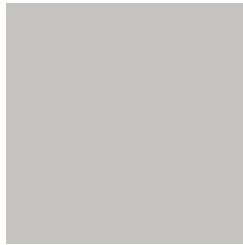
31, 62.039, 292.074



4, 15.643, 277.516

Previews

White Background



This preview shows how the CIELCh color 79, 1.747, 84.940 looks on a white background.

Color Contrast Check

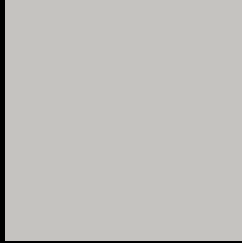
Large Text (above 18pt) WCAG AA × Fail

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, 1.747, 84.940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

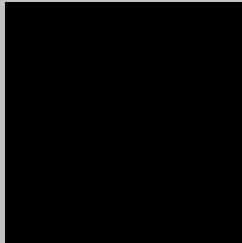
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

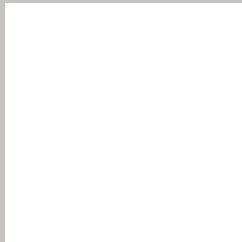
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 1.747, 84.940

Background



This preview shows how black text looks on a background with the CIELCh color 79, 1.747, 84.940.

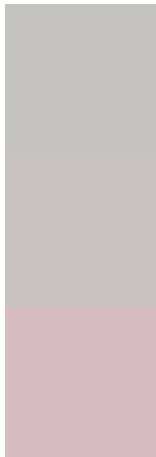


This preview shows how white text looks on a background with the CIELCh color 79, 1.747, 84.940.

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, 1.747, 84.940

Protanopia

79, 2.432, 60.286

Deuteranopia

79, 10.096, 4.938



Tritanopia
79, 8.442, 308.212

Trichromacy



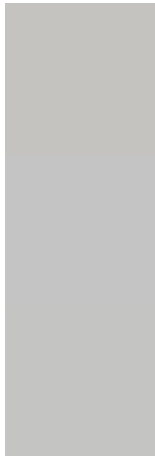
Original Color
79, 1.747, 84.940

Protanomaly
79, 2.163, 66.738

Deuteranomaly
79, 6.810, 10.896

Tritanomaly
79, 4.672, 313.440

Monochromacy



Original Color
79, 1.747, 84.940

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 0.524, 110.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 1.747, 84.940 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(197, 195, 192)` looks like.

```
.text, #text, p{  
    color:rgb(197, 195, 192)  
}
```

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(197, 195, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 195, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 1.747, 84.940 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(197, 195, 192) }
```

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

```
.border{ border-color:rgb(197, 195, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 195, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 195, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 195, 192);  
box-shadow:4px 4px 4px 4px rgb(197, 195,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 1.747, 84.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 195, 192) }
```

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

```
.background{ background-color: rgb(197,  
195, 192) }
```

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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