

Converting Colors

CIELCh(79, 1.618, 93.791)

Have a look what the booklet for
CIELCh(79, 1.618, 93.791) contains.

CIELCh(79, 1.628, 96.884)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 1.628, 96.884)

Conversions

Conversions Part 1

Format	Color
Hex	C5C4C1
RGB	197, 196, 193
RGB Percent	77%, 77%, 76%
CMY	0.2291, 0.2330, 0.2448
CMYK	0.00, 0.01, 0.02, 0.23
HSL	45°, 3%, 76%
HSV	45°, 2%, 77%
XYZ	52.1332, 54.9284, 58.0546
YIQ	195.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

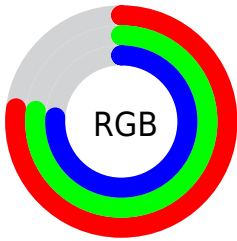
Format	Color
RYB	194, 197, 193
Decimal	12960961
CIELab	79.00, -0.20, 1.62
CIElCh	79, 1.628, 96.884
Yxy	54.9284, 0.3157, 0.3327
Android (android.graphics.Color)	4291151041 (0xFFC5C4C1)
YUV	195.9570, -1.4578, 0.9147
Hunter-Lab	74.1137, -4.1382, 5.4367

Details

The CIELCh color **79, 1.628, 96.884** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 1.649, 277.637**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.047, 100.089**, and **59, 1.186, 90.718** is the 20% darker color. If you saturate the color by 10%, you get **77, 9.744, 95.858**, and if you desaturate by 10%, it is **81, 6.381, 278.219**.

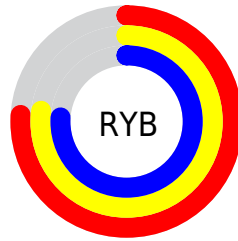
Distribution



Red (77%)

Green (77%)

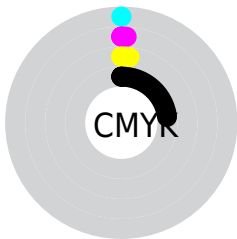
Blue (76%)



Red (76%)

Yellow (77%)

Blue (76%)

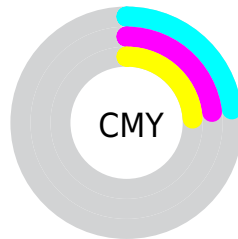


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (23%)



Cyan (23%)

Magenta (23%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 1.628, 96.884 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, 1.628, 96.884 by changing the saturation by 10% instead.

■ 79, 1.628, 96.884

■ 79, 1.628, 96.884

■ 100, 1.628, 96.884

■ 69, 1.628, 96.884

■ 99, 1.628, 96.884

■ 59, 1.628, 96.884

■ 49, 1.628, 96.884

■ 39, 1.628, 96.884

■ 29, 1.628, 96.884

■ 19, 1.628, 96.884

■ 9, 1.628, 96.884

■ 0, 1.628, 96.884

■ 79, 1.628, 96.884

■ 79, 1.628, 96.884

77, 9.744, 95.858

81, 6.381, 278.219

76, 17.949, 94.647

83, 14.284,
279.291

74, 26.212, 93.396

85, 22.079,
280.323

72, 34.468, 92.112

71, 42.599, 90.799

86, 21.592,
275.675

69, 50.390, 89.451

87, 19.593,
268.715

68, 57.479, 88.052

66, 63.308, 86.556

88, 17.938,
260.392

65, 67.181, 84.879

90, 16.722,
250.700

91, 16.037,
239.918

92, 15.940,
228.669

Harmonies

Complementary

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



79, 1.628, 96.884



78, 1.649, 277.637

Rectangle

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



79, 1.628, 96.884



79, 1.628, 146.884



79, 1.628, 276.884



79, 1.628, 326.884

Sweetspot

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



79, 1.629, 96.943



100, 0.983, 96.946



78, 1.578, 359.394



53, 0.559, 96.940



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, 1.629, 96.943



100, 1.979, 96.943



79, 2.157, 119.799



42, 0.917, 96.952



54, 60.097, 83.704



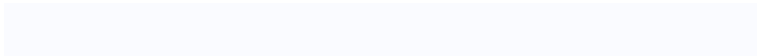
10, 15.171, 87.843

Inverse Universe

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



78, 1.649, 277.637



99, 2.003, 277.637



78, 2.184, 300.020



42, 0.928, 277.628



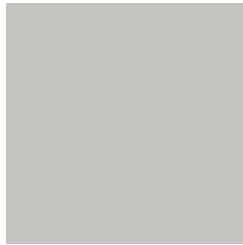
24, 78.370, 300.356



3, 17.844, 284.297

Previews

White Background



This preview shows how the CIELCh color 79, 1.628, 96.884 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, 1.628, 96.884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

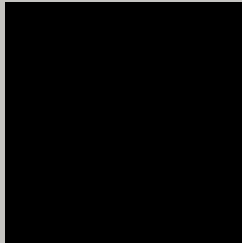
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

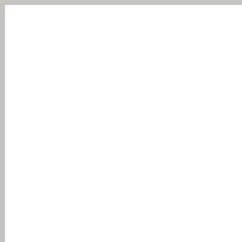
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 1.628, 96.884

Background



This preview shows how black text looks on a background with the CIELCh color 79, 1.628, 96.884.



This preview shows how white text looks on a background with the CIELCh color 79, 1.628, 96.884.

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, 1.628, 96.884

Protanopia

79, 2.432, 60.286

Deuteranopia

79, 10.096, 4.938



Tritanopia
79, 8.339, 305.850

Trichromacy



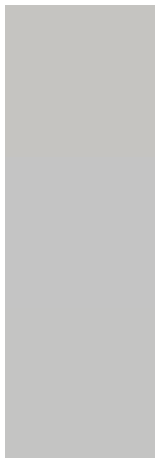
Original Color
79, 1.628, 96.884

Protanomaly
79, 2.163, 66.738

Deuteranomaly
79, 6.437, 10.331

Tritanomaly
79, 4.540, 309.214

Monochromacy



Original Color
79, 1.628, 96.884

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, 1.628, 96.884 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, 196, 193)` looks like.

```
.text, #text, p{  
    color:rgb(197, 196, 193)  
}
```

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, 196, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 196, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 1.628, 96.884 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, 196, 193) }
```

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

```
.border{ border-color:rgb(197, 196, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 196, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 196, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 196, 193);  
box-shadow:4px 4px 4px 4px rgb(197, 196,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 1.628, 96.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 196, 193) }
```

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

```
.background{ background-color: rgb(197,  
196, 193) }
```

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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