

Converting Colors

CIELCh(79, 10.658, 107.638)

Have a look what the booklet for
CIELCh(79, 10.658, 107.638)
contains.

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Color

CIELCh(79, 10.628, 107.148)

Conversions

Conversions Part 1

Format	Color
Hex	C6C5B1
RGB	198, 197, 177
RGB Percent	78%, 77%, 69%
CMY	0.2247, 0.2286, 0.3070
CMYK	0.00, 0.01, 0.11, 0.22
HSL	57°, 15%, 73%
HSV	57°, 11%, 78%
XYZ	51.0184, 54.9284, 49.3585
YIQ	195.0190, 7.0160, -6.0080

Conversions

Conversions Part 2

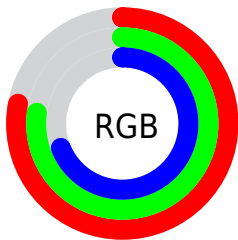
Format	Color
RYB	178, 198, 177
Decimal	13026737
CIELab	79.00, -3.13, 10.16
CIELCh	79, 10.628, 107.148
Yxy	54.9284, 0.3285, 0.3537
Android (android.graphics.Color)	4291216817 (0xFFC6C5B1)
YUV	195.0190, -8.8834, 2.6143
Hunter-Lab	74.1137, -6.8231, 12.3934

Details

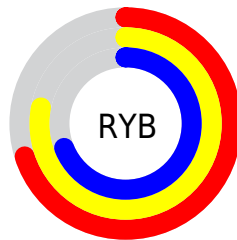
The CIELCh color **79, 10.628, 107.148** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73, 10.868, 289.360**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 10.640, 107.427**, and **59, 10.707, 106.747** is the 20% darker color. If you saturate the color by 10%, you get **78, 20.607, 106.151**, and if you desaturate by 10%, it is **80, 0.610, 108.022**.

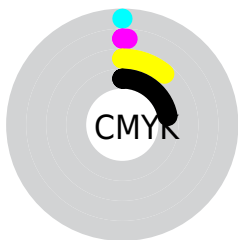
Distribution



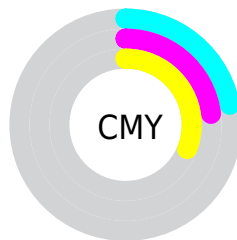
- Red (78%)
- Green (77%)
- Blue (69%)



- Red (70%)
- Yellow (78%)
- Blue (69%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (22%)





- Cyan (22%)
- Magenta (23%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 10.628, 107.148 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, 10.628, 107.148 by changing the saturation by 10% instead.


 79, 10.628,
107.148

 79, 10.628,
107.148


 100, 10.628,
107.148


 69, 10.628,
107.148


 99, 10.628,
107.148

 59, 10.628,
107.148

 49, 10.628,
107.148

 39, 10.628,
107.148

 29, 10.628,
107.148

 19, 10.628,
107.148

 9, 10.628, 107.148

■ 0, 10.628, 107.148

■ 79, 10.628,
107.148

■ 79, 10.628,
107.148

■ 78, 20.607,
106.151

■ 80, 0.610, 108.022

■ 78, 30.474,
105.140

■ 81, 9.409, 289.134

■ 77, 40.120,
104.140

■ 81, 19.399,
290.064

■ 77, 49.374,
103.173

■ 82, 28.922,
290.896

■ 76, 57.964,
102.263

■ 82, 28.409,
290.204

■ 76, 65.499,
101.440

■ 83, 27.900,
289.487

■ 83, 27.395,

■ 75, 71.469,
100.735

288.746

■ 75, 75.376,
100.169

■ 83, 26.895,
287.978

■ 75, 77.276, 99.749

■ 83, 26.401,
287.183

Harmonies

Complementary

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



79, 10.628, 107.148



73, 10.868, 289.360

Rectangle

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



79, 10.628, 107.148



79, 10.628, 157.148



79, 10.628, 287.148



79, 10.628, 337.148

Sweetspot

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



79, 10.630, 107.157



100, 3.686, 107.891



74, 8.015, 15.986



53, 2.796, 107.817



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, 10.630, 107.157



99, 15.998, 106.899



79, 11.752, 126.821



42, 5.705, 107.279



63, 67.056, 99.794



13, 19.207, 103.398

Inverse Universe

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



73, 10.868, 289.360



90, 16.438, 289.665



73, 11.947, 307.797



38, 5.820, 289.219



19, 93.557, 305.626



1, 20.789, 290.532

Previews

White Background



This preview shows how the CIELCh color 79, 10.628, 107.148 looks on a white background.

Color Contrast Check

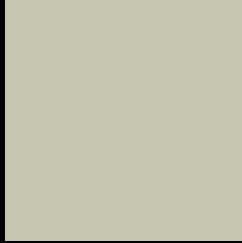
Large Text (above 18pt) WCAG AA × Fail

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, 10.628, 107.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

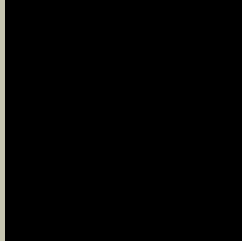
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

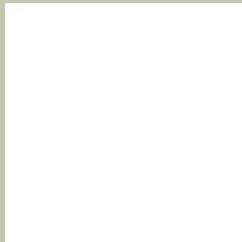
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 10.628, 107.148

Background



This preview shows how black text looks on a background with the CIELCh color 79, 10.628, 107.148.



This preview shows how white text looks on a background with the CIELCh color 79, 10.628, 107.148.

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, 10.628, 107.148

Protanopia

79, 10.668, 90.344

Deuteranopia

79, 13.758, 45.274



Tritanopia
79, 8.841, 314.948

Trichromacy



Original Color
79, 10.628, 107.148

Protanomaly
79, 10.864, 96.980

Deuteranomaly
79, 11.015, 62.191

Tritanomaly
79, 2.468, 353.775

Monochromacy



Original Color
79, 10.628, 107.148

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 4.253, 109.776

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 10.628, 107.148 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(198, 197, 177)` looks like.

```
.text, #text, p{  
    color:rgb(198, 197, 177)  
}
```

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(198, 197, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 197, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 10.628, 107.148 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(198, 197, 177) }
```

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

```
.border{ border-color:rgb(198, 197, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 197, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 197, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 197, 177);  
box-shadow:4px 4px 4px 4px rgb(198, 197,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 10.628, 107.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 197, 177) }
```

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

```
.background{ background-color: rgb(198,  
197, 177) }
```

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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