

Converting Colors

CIELCh(80, 6.908, 112.646)

Have a look what the booklet for
CIELCh(80, 6.908, 112.646) contains.

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Color

CIELCh(80, 6.910, 112.653)

Conversions

Conversions Part 1

Format	Color
Hex	C6C7BA
RGB	198, 199, 186
RGB Percent	78%, 78%, 73%
CMY	0.2218, 0.2178, 0.2689
CMYK	0.01, 0.00, 0.07, 0.22
HSL	65°, 10%, 76%
HSV	65°, 7%, 78%
XYZ	52.8410, 56.6813, 54.8543
YIQ	197.2190, 3.5770, -4.2550

Conversions

Conversions Part 2

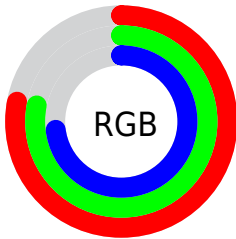
Format	Color
RYB	186, 199, 187
Decimal	13027258
CIELab	80.00, -2.66, 6.38
CIElCh	80, 6.910, 112.653
Yxy	56.6813, 0.3215, 0.3448
Android (android.graphics.Color)	4291217338 (0xFFC6C7BA)
YUV	197.2190, -5.5310, 0.6849
Hunter-Lab	75.2870, -6.4699, 9.5020

Details

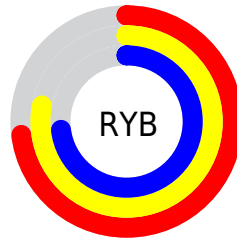
The CIELCh color `80, 6.910, 112.653` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76, 7.026, 293.786`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 6.580, 109.674`, and `60, 6.764, 112.784` is the 20% darker color. If you saturate the color by 10%, you get `79, 17.478, 111.820`, and if you desaturate by 10%, it is `81, 3.703, 293.508`.

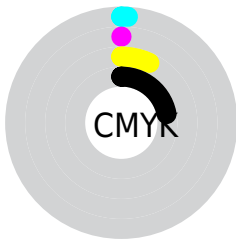
Distribution



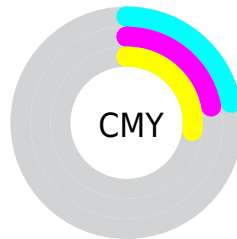
- Red (78%)
- Green (78%)
- Blue (73%)



- Red (73%)
- Yellow (78%)
- Blue (73%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (22%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 6.910, 112.653 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 80, 6.910, 112.653 by changing the saturation by 10% instead.

■ 80, 6.910, 112.653

■ 80, 6.910, 112.653

■ 100, 6.910,
112.653

■ 70, 6.910, 112.653

■ 60, 6.910, 112.653

■ 50, 6.910, 112.653

■ 40, 6.910, 112.653

■ 30, 6.910, 112.653

■ 20, 6.910, 112.653

■ 10, 6.910, 112.653

■ 0, 6.910, 112.653

■ 80, 6.910, 112.653

■ 80, 6.910, 112.653

79, 17.478,
111.820

81, 3.703, 293.508

79, 27.928,
110.971

81, 14.323,
294.305

78, 38.160,
110.136

82, 24.915,
295.075

78, 48.019,
109.342

82, 29.552,
295.948

78, 57.268,
108.625

83, 29.589,
296.920

77, 65.560,
108.029

83, 29.634,
297.894

77, 72.437,
107.615

83, 29.688,
298.868

77, 77.406,
107.441

83, 29.749,
299.842

77, 80.192,

83, 29.818,
300.816

107.546

Harmonies

Complementary

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



80, 6.910, 112.653



76, 7.026, 293.786

Rectangle

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



80, 6.910, 112.653



80, 6.910, 162.653



80, 6.910, 292.653



80, 6.910, 342.653

Sweetspot

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



80, 6.912, 112.664



100, 2.581, 113.028



77, 4.573, 25.472



53, 1.467, 113.036



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 6.912, 112.664



99, 10.348, 112.531



80, 7.461, 131.109



42, 5.995, 112.425



64, 69.699, 107.547



13, 20.369, 110.581

Inverse Universe

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



76, 7.026, 293.786



94, 10.550, 293.933



77, 7.531, 311.617



38, 6.127, 294.052



19, 95.410, 306.556



1, 21.548, 293.782

Previews

White Background



This preview shows how the CIELCh color 80, 6.910, 112.653 looks on a white background.

Color Contrast Check

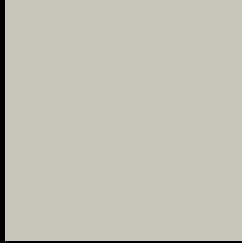
Large Text (above 18pt) WCAG AA × Fail

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 80, 6.910, 112.653 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

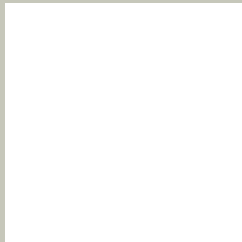
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 6.910, 112.653

Background



This preview shows how black text looks on a background with the CIELCh color 80, 6.910, 112.653.



This preview shows how white text looks on a background with the CIELCh color 80, 6.910, 112.653.

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


80, 6.910, 112.653

Protanopia

80, 7.371, 88.520

Deuteranopia

80, 11.242, 31.036



Tritanopia
80, 8.315, 305.845

Trichromacy



Original Color
80, 6.910, 112.653

Protanomaly
80, 7.043, 97.206

Deuteranomaly
80, 8.030, 51.622

Tritanomaly
80, 3.059, 318.851

Monochromacy



Original Color
80, 6.910, 112.653

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.678, 117.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 6.910, 112.653 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, 199, 186)` looks like.

```
.text, #text, p{  
    color:rgb(198, 199, 186)  
}
```

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, 199, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 199, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 6.910, 112.653 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, 199, 186) }
```

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

```
.border{ border-color:rgb(198, 199, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 199, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 199, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 199, 186);  
box-shadow:4px 4px 4px 4px rgb(198, 199,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 6.910, 112.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 199, 186) }
```

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

```
.background{ background-color: rgb(198,  
199, 186) }
```

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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