

Converting Colors

CIELCh(79, 2.488, 7.938)

Have a look what the booklet for
CIELCh(79, 2.488, 7.938) contains.

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Color

CIELCh(79, 2.647, 7.800)

Conversions

Conversions Part 1

Format	Color
Hex	C9C2C3
RGB	201, 194, 195
RGB Percent	79%, 76%, 76%
CMY	0.2118, 0.2393, 0.2354
CMYK	0.00, 0.03, 0.03, 0.21
HSL	351°, 6%, 77%
HSV	351°, 3%, 79%
XYZ	53.2173, 54.9284, 59.4150
YIQ	196.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

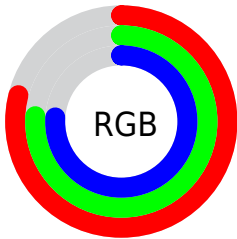
Format	Color
RYB	201, 194, 195
Decimal	13222595
CIELab	79.00, 2.62, 0.36
CIELCh	79, 2.647, 7.800
Yxy	54.9284, 0.3176, 0.3278
Android (android.graphics.Color)	4291412675 (0xFFC9C2C3)
YUV	196.2070, -0.5951, 4.2035
Hunter-Lab	74.1137, -1.5271, 4.3483

Details

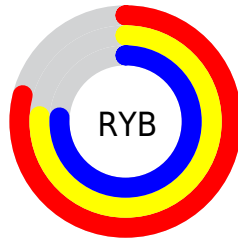
The CIELCh color **79, 2.647, 7.800** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 2.599, 187.652**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.044, 349.329**, and **59, 2.813, 7.953** is the 20% darker color. If you saturate the color by 10%, you get **73, 10.550, 8.926**, and if you desaturate by 10%, it is **85, 4.793, 187.344**.

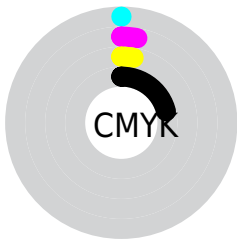
Distribution



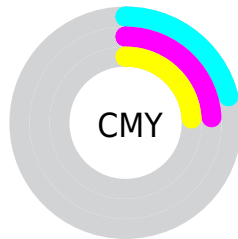
- Red (79%)
- Green (76%)
- Blue (76%)



- Red (79%)
- Yellow (76%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 2.647, 7.800 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, 2.647, 7.800 by changing the saturation by 10% instead.

■ 79, 2.647, 7.800

■ 79, 2.647, 7.800

■ 100, 2.647, 7.800

■ 69, 2.647, 7.800

■ 99, 2.647, 7.800

■ 59, 2.647, 7.800

■ 49, 2.647, 7.800

■ 39, 2.647, 7.800

■ 29, 2.647, 7.800

■ 19, 2.647, 7.800

■ 9, 2.647, 7.800

■ 0, 2.647, 7.800

■ 79, 2.647, 7.800

■ 79, 2.647, 7.800

73, 10.550, 8.926

85, 4.793, 187.344

68, 18.912, 10.081

90, 11.781,
186.591

63, 27.675, 11.474

96, 18.351,
185.977

58, 36.714, 13.200

53, 45.821, 15.372

96, 17.801,
198.327

49, 54.703, 18.128

46, 63.036, 21.601

44, 70.556, 25.847

43, 77.113, 30.686

Harmonies

Complementary

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



79, 2.647, 7.800



80, 2.599, 187.652

Rectangle

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



79, 2.647, 7.800



79, 2.647, 57.800



79, 2.647, 187.800



79, 2.647, 237.800

Sweetspot

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



79, 2.645, 7.833



99, 0.918, 7.135



79, 4.350, 320.393



53, 0.522, 7.095



0, 0.000, 0.000



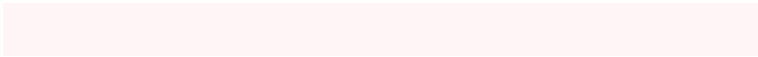
53, 0.007, 296.813

Same Dimension

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



79, 2.645, 7.833



97, 3.693, 7.911



80, 2.113, 57.243



41, 2.143, 7.990



34, 68.777, 32.924



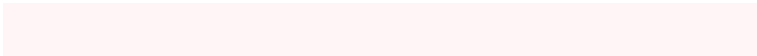
3, 16.044, 12.062

Inverse Universe

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



79, 2.645, 7.833



97, 3.693, 7.911



80, 2.088, 238.301



41, 2.143, 7.990



34, 68.777, 32.924



3, 16.044, 12.062

Previews

White Background



This preview shows how the CIE LCh color 79, 2.647, 7.800 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, 2.647, 7.800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

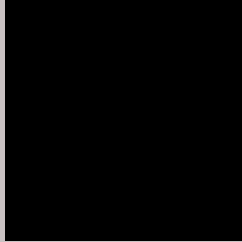
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

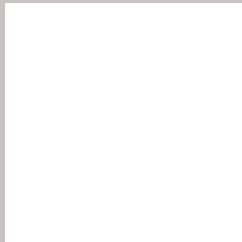
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 2.647, 7.800

Background



This preview shows how black text looks on a background with the CIELCh color 79, 2.647, 7.800.

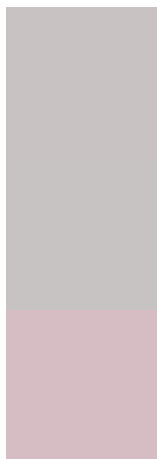


This preview shows how white text looks on a background with the CIELCh color 79, 2.647, 7.800.

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, 2.647, 7.800

Protanopia

79, 1.475, 19.154

Deuteranopia

79, 10.046, 358.443



Tritanopia
79, 8.997, 317.062

Trichromacy



Original Color

79, 2.647, 7.800

Protanomaly

79, 1.845, 19.256

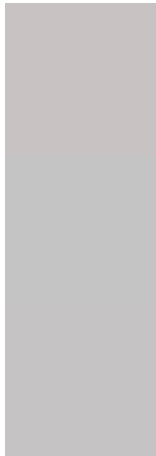
Deuteranomaly

79, 7.210, 358.266

Tritanomaly

79, 6.304, 321.914

Monochromacy



Original Color

79, 2.647, 7.800

Achromatopsia

79, 0.010, 296.813

Achromatomaly

79, 1.235, 353.455

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 2.647, 7.800 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(201, 194, 195)` looks like.

```
.text, #text, p{  
    color:rgb(201, 194, 195)  
}
```

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(201, 194, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 194, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 2.647, 7.800 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(201, 194, 195) }
```

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

```
.border{ border-color:rgb(201, 194, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 194, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 194, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 194, 195);  
box-shadow:4px 4px 4px 4px rgb(201, 194,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 2.647, 7.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 194, 195) }
```

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

```
.background{ background-color: rgb(201,  
194, 195) }
```

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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