

Converting Colors

CIELCh(79, 3.008, 3.731)

Have a look what the booklet for
CIELCh(79, 3.008, 3.731) contains.

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Color

CIELCh(79, 3.011, 9.282)

Conversions

Conversions Part 1

Format	Color
Hex	CAC2C3
RGB	202, 194, 195
RGB Percent	79%, 76%, 76%
CMY	0.2088, 0.2401, 0.2362
CMYK	0.00, 0.04, 0.03, 0.21
HSL	353°, 7%, 78%
HSV	353°, 4%, 79%
XYZ	53.3527, 54.9284, 59.2773
YIQ	196.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

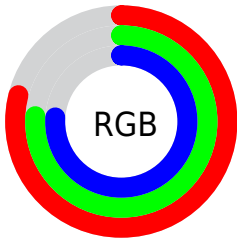
Format	Color
R _Y B	202, 194, 195
Decimal	13288131
CIE Lab	79.00, 2.97, 0.49
CIE LCh	79, 3.011, 9.282
Yxy	54.9284, 0.3184, 0.3278
Android (android.graphics.Color)	4291478211 (0xFFCAC2C3)
YUV	196.5060, -0.7425, 4.8182
Hunter-Lab	74.1137, -1.2011, 4.4585

Details

The CIELCh color **79, 3.011, 9.282** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 2.949, 189.022**, 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, 3.202, 9.440** is the 20% darker color. If you saturate the color by 10%, you get **73, 10.937, 10.372**, and if you desaturate by 10%, it is **85, 4.434, 188.826**.

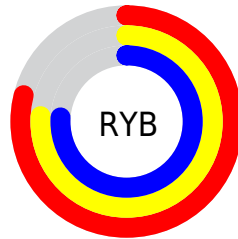
Distribution



Red (79%)

Green (76%)

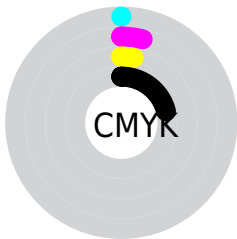
Blue (76%)



Red (79%)

Yellow (76%)

Blue (76%)

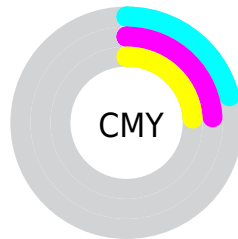


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (21%)



Cyan (21%)

Magenta (24%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 3.011, 9.282 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, 3.011, 9.282 by changing the saturation by 10% instead.

■ 79, 3.011, 9.282

■ 79, 3.011, 9.282

■ 100, 3.011, 9.282

■ 69, 3.011, 9.282

■ 99, 3.011, 9.282

■ 59, 3.011, 9.282

■ 49, 3.011, 9.282

■ 39, 3.011, 9.282

■ 29, 3.011, 9.282

■ 19, 3.011, 9.282

■ 9, 3.011, 9.282

■ 0, 3.011, 9.282

■ 79, 3.011, 9.282

■ 79, 3.011, 9.282

73, 10.937, 10.372

85, 4.434, 188.826

68, 19.341, 11.520

90, 11.414,
188.083

63, 28.168, 12.914

96, 17.965,
187.486

58, 37.298, 14.650

53, 46.522, 16.844

97, 17.563,
198.342

49, 55.552, 19.632

46, 64.066, 23.137

44, 71.794, 27.384

43, 78.530, 32.130

Harmonies

Complementary

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



79, 3.011, 9.282



81, 2.949, 189.022

Rectangle

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



79, 3.011, 9.282



79, 3.011, 59.282



79, 3.011, 189.282



79, 3.011, 239.282

Sweetspot

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



79, 3.009, 9.312



99, 0.913, 8.547



79, 4.992, 320.905



53, 0.519, 8.506



0, 0.000, 0.000



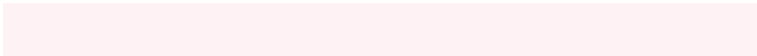
53, 0.007, 296.813

Same Dimension

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



79, 3.009, 9.312



97, 4.608, 9.446



80, 2.422, 59.271



41, 2.622, 9.510



34, 70.425, 34.086



4, 18.039, 13.288

Inverse Universe

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



79, 3.009, 9.312



97, 4.608, 9.446



80, 2.389, 240.395



41, 2.622, 9.510



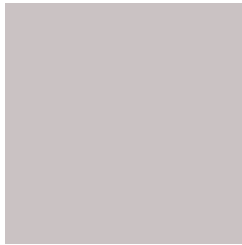
34, 70.425, 34.086



4, 18.039, 13.288

Previews

White Background



This preview shows how the CIELCh color 79, 3.011, 9.282 looks on a white background.

Color Contrast Check

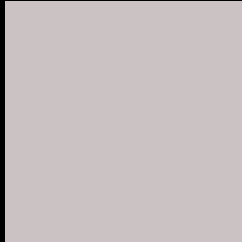
Large Text (above 18pt) WCAG AA × Fail

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, 3.011, 9.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

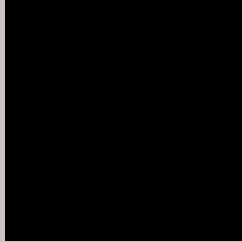
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

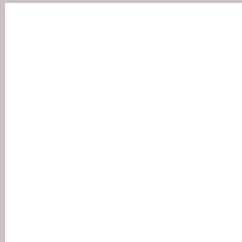
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 3.011, 9.282

Background



This preview shows how black text looks on a background with the CIELCh color 79, 3.011, 9.282.

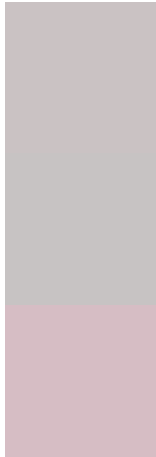


This preview shows how white text looks on a background with the CIELCh color 79, 3.011, 9.282.

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, 3.011, 9.282

Protanopia

79, 1.475, 19.154

Deuteranopia

79, 10.046, 358.443



Tritanopia
79, 9.165, 319.106

Trichromacy



Original Color

79, 3.011, 9.282

Protanomaly

79, 1.845, 19.256

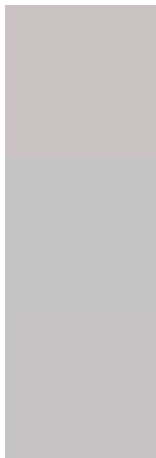
Deuteranomaly

79, 7.560, 359.357

Tritanomaly

79, 6.504, 324.670

Monochromacy



Original Color

79, 3.011, 9.282

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, 3.011, 9.282 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(202, 194, 195)` looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 194, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 194, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 3.011, 9.282 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(202, 194, 195) }
```

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

```
.border{ border-color:rgb(202, 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(202, 194, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 194, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 194, 195);  
box-shadow:4px 4px 4px 4px rgb(202, 194,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 3.011, 9.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 194, 195) }
```

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

```
.background{ background-color: rgb(202,  
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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