

Converting Colors

CIELCh(79, 3.137, 109.406)

Have a look what the booklet for
CIELCh(79, 3.137, 109.406) contains.

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Color

CIELCh(79, 3.188, 109.868)

Conversions

Conversions Part 1

Format	Color
Hex	C4C4BE
RGB	196, 196, 190
RGB Percent	77%, 77%, 75%
CMY	0.2314, 0.2314, 0.2549
CMYK	0.00, 0.00, 0.03, 0.23
HSL	60°, 5%, 76%
HSV	60°, 3%, 77%
XYZ	51.7945, 54.9284, 56.5831
YIQ	195.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

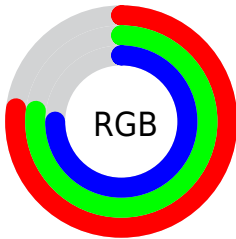
Format	Color
RYB	190, 196, 190
Decimal	12895422
CIELab	79.00, -1.08, 3.00
CIElCh	79, 3.188, 109.868
Yxy	54.9284, 0.3172, 0.3364
Android (android.graphics.Color)	4291085502 (0xFFC4C4BE)
YUV	195.3160, -2.6208, 0.5999
Hunter-Lab	74.1137, -4.9539, 6.6138

Details

The CIELCh color **79, 3.188, 109.868** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 3.229, 290.518**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.544, 109.890**, and **59, 2.820, 109.835** is the 20% darker color. If you saturate the color by 10%, you get **79, 13.608, 108.949**, and if you desaturate by 10%, it is **80, 7.260, 290.861**.

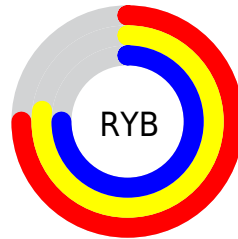
Distribution



Red (77%)

Green (77%)

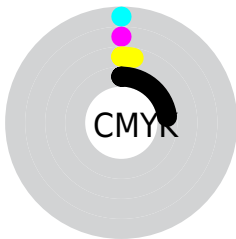
Blue (75%)



Red (75%)

Yellow (77%)

Blue (75%)

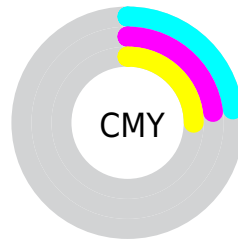


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (23%)



Cyan (23%)

Magenta (23%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 3.188, 109.868 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, 3.188, 109.868 by changing the saturation by 10% instead.

■ 79, 3.188, 109.868

■ 79, 3.188, 109.868

■ 100, 3.188,
109.868

■ 69, 3.188, 109.868

■ 99, 3.188, 109.868

■ 59, 3.188, 109.868

■ 49, 3.188, 109.868

■ 39, 3.188, 109.868

■ 29, 3.188, 109.868

■ 19, 3.188, 109.868

■ 9, 3.188, 109.868

■ 0, 3.188, 109.868

■ 79, 3.188, 109.868

■ 79, 3.188, 109.868

79, 13.608,
108.949

80, 7.260, 290.861

78, 23.938,
107.986

80, 17.704,
291.768

78, 34.096,
107.031

81, 28.117,
292.646

78, 43.948,
106.106

81, 31.406,
292.920

77, 53.289,
105.235

81, 31.406,
292.927

77, 61.815,
104.453

81, 31.406,
292.934

77, 69.104,
103.796

81, 31.406,
292.941

77, 74.665,
103.306

81, 31.406,
292.948

77, 78.105,

81, 31.406,
292.955

Harmonies

Complementary

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



79, 3.188, 109.868



77, 3.229, 290.518

Rectangle

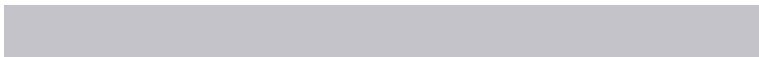
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 3.188, 109.868



79, 3.188, 159.868



79, 3.188, 289.868



79, 3.188, 339.868

Sweetspot

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



79, 3.190, 109.892



100, 1.282, 110.046



77, 2.228, 19.345



53, 0.729, 110.048



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, 3.190, 109.892



100, 5.161, 109.802



79, 3.392, 128.971



41, 2.927, 109.745



64, 68.600, 102.889



12, 18.617, 106.752

Inverse Universe

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



77, 3.229, 290.518



97, 5.227, 290.613



77, 3.423, 309.167



39, 2.967, 290.674



18, 94.720, 306.289



1, 19.479, 291.151

Previews

White Background



This preview shows how the CIELCh color 79, 3.188, 109.868 looks on a white background.

Color Contrast Check

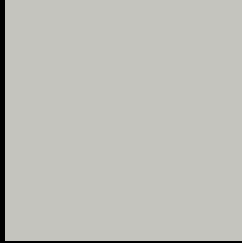
Large Text (above 18pt) WCAG AA × Fail

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, 3.188, 109.868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

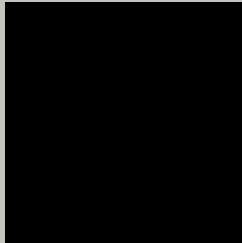
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

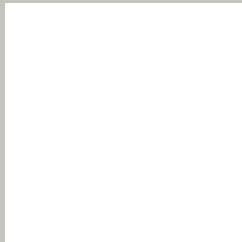
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 3.188, 109.868

Background



This preview shows how black text looks on a background with the CIELCh color 79, 3.188, 109.868.



This preview shows how white text looks on a background with the CIELCh color 79, 3.188, 109.868.

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, 3.188, 109.868

Protanopia

79, 3.681, 79.404

Deuteranopia

79, 10.229, 14.237



Tritanopia
79, 8.339, 305.850

Trichromacy



Original Color
79, 3.188, 109.868

Protanomaly
79, 3.508, 84.710

Deuteranomaly
79, 6.391, 24.587

Tritanomaly
79, 4.038, 311.633

Monochromacy



Original Color
79, 3.188, 109.868

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 1.058, 110.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 3.188, 109.868 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(196, 196, 190)` looks like.

```
.text, #text, p{  
    color:rgb(196, 196, 190)  
}
```

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(196, 196, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 196, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 3.188, 109.868 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(196, 196, 190) }
```

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

```
.border{ border-color:rgb(196, 196, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 196, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 196, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 196, 190);  
box-shadow:4px 4px 4px 4px rgb(196, 196,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 3.188, 109.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 196, 190) }
```

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

```
.background{ background-color: rgb(196,  
196, 190) }
```

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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