

Converting Colors

CIE LCh(79, 2.220, 232.014)

Have a look what the booklet for
CIELCh(79, 2.220, 232.014) contains.

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Color

CIELCh(79, 2.408, 225.825)

Conversions

Conversions Part 1

Format	Color
Hex	BFC5C7
RGB	191, 197, 199
RGB Percent	75%, 77%, 78%
CMY	0.2522, 0.2287, 0.2209
CMYK	0.04, 0.01, 0.00, 0.22
HSL	195°, 7%, 76%
HSV	195°, 4%, 78%
XYZ	51.5686, 54.9284, 61.7196
YIQ	195.4340, -4.2180, -0.6500

Conversions

Conversions Part 2

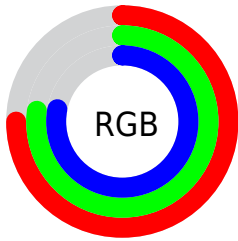
Format	Color
R_{YB}	191, 194, 199
Decimal	12568007
CIE Lab	79.00, -1.68, -1.73
CIE LCh	79, 2.408, 225.825
Yxy	54.9284, 0.3066, 0.3265
Android (android.graphics.Color)	4290758087 (0xFFBFC5C7)
YUV	195.4340, 1.7580, -3.8886
Hunter-Lab	74.1137, -5.4980, 2.5047

Details

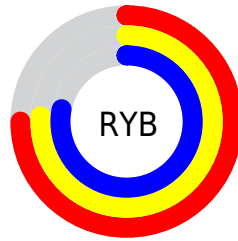
The CIELCh color $79, 2.408, 225.825$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 2.459, 44.981$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 2.471, 211.414$, and $59, 2.212, 230.274$ is the 20% darker color. If you saturate the color by 10%, you get $76, 8.194, 226.215$, and if you desaturate by 10%, it is $82, 3.634, 44.975$.

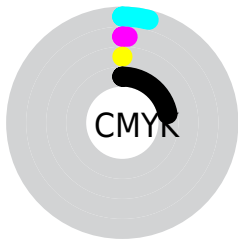
Distribution



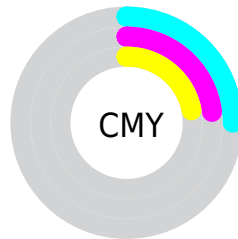
- Red (75%)
- Green (77%)
- Blue (78%)



- Red (75%)
- Yellow (76%)
- Blue (78%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (25%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 2.408, 225.825 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, 2.408, 225.825 by changing the saturation by 10% instead.

■ 79, 2.408, 225.825

■ 79, 2.408, 225.825

■ 100, 2.408,
225.825

■ 69, 2.408, 225.825

■ 99, 2.408, 225.825

■ 59, 2.408, 225.825

■ 49, 2.408, 225.825

■ 39, 2.408, 225.825

■ 29, 2.408, 225.825

■ 19, 2.408, 225.825

■ 9, 2.408, 225.825

■ 0, 2.408, 225.825

■ 79, 2.408, 225.825

■ 79, 2.408, 225.825

76, 8.194, 226.215

82, 3.634, 44.975

74, 13.650,
226.979

85, 9.872, 44.747

71, 18.699,
228.009

88, 16.254, 44.542

89, 17.442, 52.063

69, 23.259,
229.359

90, 17.475, 62.161

66, 27.253,
231.106

92, 18.048, 71.889

93, 19.107, 80.743

64, 30.623,
233.336

94, 20.574, 88.464

62, 33.350,
236.141

95, 22.362, 95.014

60, 35.467,
239.600

59, 37.084,
243.747

Harmonies

Complementary

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



79, 2.408, 225.825



78, 2.459, 44.981

Rectangle

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



79, 2.408, 225.825



79, 2.408, 275.825



79, 2.408, 45.825



79, 2.408, 95.825

Sweetspot

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



79, 2.408, 225.776



100, 0.740, 226.267



79, 4.414, 151.536



53, 0.421, 226.309



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, 2.408, 225.776



98, 3.654, 225.785



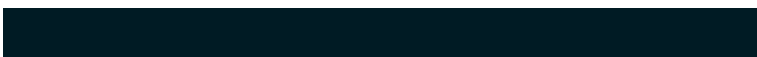
78, 3.228, 276.637



41, 2.030, 225.798



48, 32.666, 245.684



8, 11.141, 235.472

Inverse Universe

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



78, 4.383, 332.509



97, 6.670, 332.591



79, 3.205, 95.563



40, 3.711, 332.633



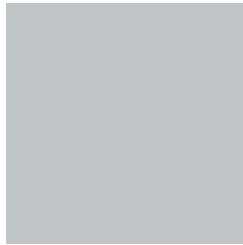
36, 68.485, 341.177



4, 21.483, 337.626

Previews

White Background



This preview shows how the CIELCh color 79, 2.408, 225.825 looks on a white background.

Color Contrast Check

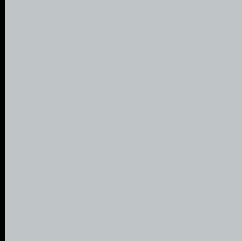
Large Text (above 18pt) WCAG AA × Fail

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, 2.408, 225.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

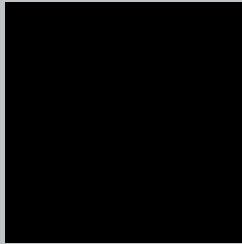
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

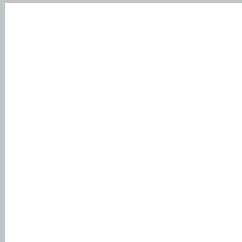
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 2.408, 225.825

Background



This preview shows how black text looks on a background with the CIELCh color 79, 2.408, 225.825.

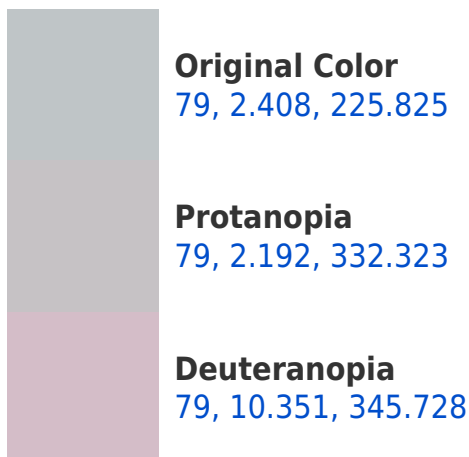


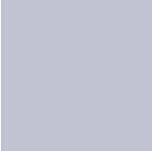
This preview shows how white text looks on a background with the CIELCh color 79, 2.408, 225.825.

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





Tritanopia
79, 8.036, 285.845

Trichromacy



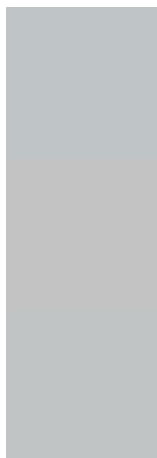
Original Color
79, 2.408, 225.825

Protanomaly
79, 1.610, 290.363

Deuteranomaly
79, 6.168, 336.018

Tritanomaly
79, 5.507, 275.629

Monochromacy



Original Color
79, 2.408, 225.825

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 1.095, 199.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 2.408, 225.825 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(191, 197, 199)` looks like.

```
.text, #text, p{  
    color:rgb(191, 197, 199)  
}
```

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(191, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 197, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 2.408, 225.825 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(191, 197, 199) }
```

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

```
.border{ border-color:rgb(191, 197, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 197, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(191, 197,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 2.408, 225.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 197, 199) }
```

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

```
.background{ background-color: rgb(191,  
197, 199) }
```

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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