

Converting Colors

CIELCh(79, 4.327, 199.202)

Have a look what the booklet for
CIELCh(79, 4.327, 199.202) contains.

CIELCh(79, 4.331, 199.200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 4.331, 199.200)

Conversions

Conversions Part 1

Format	Color
Hex	BAC6C6
RGB	186, 198, 198
RGB Percent	73%, 78%, 78%
CMY	0.2704, 0.2234, 0.2234
CMYK	0.06, 0.00, 0.00, 0.22
HSL	180°, 10%, 75%
HSV	180°, 6%, 78%
XYZ	50.6589, 54.9284, 61.3815
YIQ	194.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

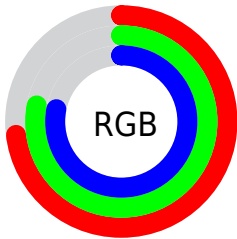
Format	Color
R _Y B	186, 192, 198
Decimal	12240582
CIE Lab	79.00, -4.09, -1.42
CIE LCh	79, 4.331, 199.200
Yxy	54.9284, 0.3034, 0.3290
Android (android.graphics.Color)	4290430662 (0xFFBAC6C6)
YUV	194.4120, 1.7689, -7.3773
Hunter-Lab	74.1137, -7.6888, 2.7752

Details

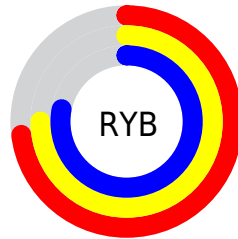
The CIELCh color $79, 4.331, 199.200$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 4.499, 19.633$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 4.482, 199.269$, and $59, 4.196, 199.102$ is the 20% darker color. If you saturate the color by 10%, you get $78, 11.181, 198.580$, and if you desaturate by 10%, it is $81, 2.877, 19.416$.

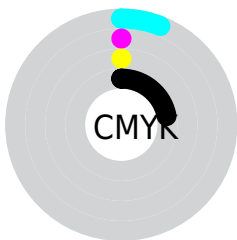
Distribution



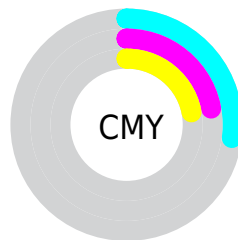
- Red (73%)
- Green (78%)
- Blue (78%)



- Red (73%)
- Yellow (75%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 4.331, 199.200 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, 4.331, 199.200 by changing the saturation by 10% instead.

■ 79, 4.331, 199.200

■ 79, 4.331, 199.200

■ 100, 4.331,
199.200

■ 69, 4.331, 199.200

■ 99, 4.331, 199.200

■ 59, 4.331, 199.200

■ 49, 4.331, 199.200

■ 39, 4.331, 199.200

■ 29, 4.331, 199.200

■ 19, 4.331, 199.200

■ 9, 4.331, 199.200

■ 0, 4.331, 199.200

■ 79, 4.331, 199.200

■ 79, 4.331, 199.200

78, 11.181,
198.580

81, 2.877, 19.416

76, 17.560,
198.086

82, 10.346, 20.137

75, 23.353,
197.652

84, 17.990, 20.762

75, 28.447,
197.278

85, 21.717, 21.060

74, 32.743,
196.968

85, 21.717, 21.053

73, 36.171,
196.723

85, 21.716, 21.046

73, 38.700,
196.544

85, 21.716, 21.039

73, 40.350,
196.426

85, 21.716, 21.032

73, 41.209,

85, 21.716, 21.025

Harmonies

Complementary

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



79, 4.331, 199.200



76, 4.499, 19.633

Rectangle

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



79, 4.331, 199.200



79, 4.331, 249.200



79, 4.331, 19.200



79, 4.331, 69.200

Sweetspot

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



79, 4.332, 199.178



100, 1.770, 199.646



79, 7.788, 143.694



53, 1.006, 199.671



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, 4.332, 199.178



99, 6.127, 199.103



77, 3.803, 254.440



41, 3.242, 199.076



61, 35.895, 196.347



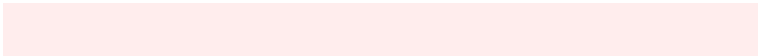
12, 12.985, 196.356

Inverse Universe

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



76, 4.499, 19.633



95, 6.404, 19.720



78, 3.854, 72.777



40, 3.398, 19.752



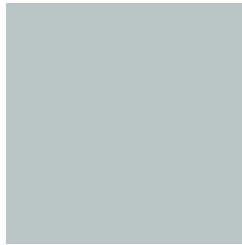
34, 74.634, 39.766



3, 15.885, 19.391

Previews

White Background



This preview shows how the CIELCh color 79, 4.331, 199.200 looks on a white background.

Color Contrast Check

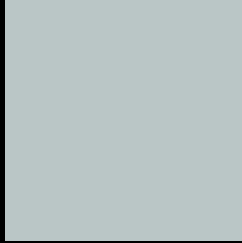
Large Text (above 18pt) WCAG AA × Fail

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, 4.331, 199.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

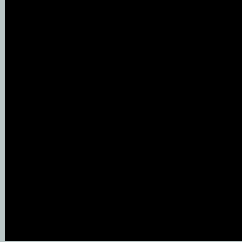
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

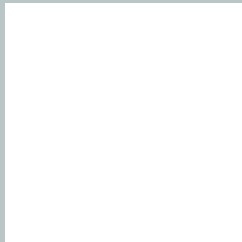
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 4.331, 199.200

Background



This preview shows how black text looks on a background with the CIELCh color 79, 4.331, 199.200.



This preview shows how white text looks on a background with the CIELCh color 79, 4.331, 199.200.

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](#).

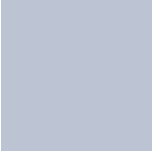
Dichromacy



Original Color
79, 4.331, 199.200

Protanopia
79, 2.142, 349.429

Deuteranopia
79, 10.351, 345.728



Tritanopia
79, 8.438, 271.428

Trichromacy



Original Color
79, 4.331, 199.200

Protanomaly
79, 1.132, 271.520

Deuteranomaly
79, 5.536, 337.301

Tritanomaly
79, 5.919, 253.745

Monochromacy



Original Color
79, 4.331, 199.200

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.460, 199.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 4.331, 199.200 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(186, 198, 198)` looks like.

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

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(186, 198, 198) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 79, 4.331, 199.200 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(186, 198, 198) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to CIELCh 79, 4.331, 199.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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