

Converting Colors

CIELCh(79, 5.116, 195.775)

Have a look what the booklet for
CIELCh(79, 5.116, 195.775) contains.

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Color

CIELCh(79, 5.437, 193.445)

Conversions

Conversions Part 1

Format	Color
Hex	B8C7C6
RGB	184, 199, 198
RGB Percent	72%, 78%, 78%
CMY	0.2796, 0.2208, 0.2247
CMYK	0.08, 0.00, 0.01, 0.22
HSL	176°, 12%, 75%
HSV	176°, 8%, 78%
XYZ	50.2112, 54.9284, 61.2032
YIQ	194.4010, -8.6190, -3.4910

Conversions

Conversions Part 2

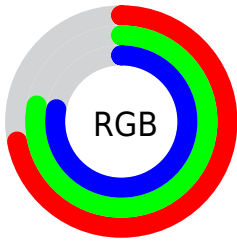
Format	Color
RYB	184, 192, 199
Decimal	12109766
CIELab	79.00, -5.29, -1.26
CIELCh	79, 5.437, 193.445
Yxy	54.9284, 0.3019, 0.3302
Android (android.graphics.Color)	4290299846 (0xFFB8C7C6)
YUV	194.4010, 1.7743, -9.1217
Hunter-Lab	74.1137, -8.7672, 2.9178

Details

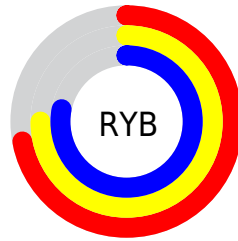
The CIELCh color **79, 5.437, 193.445** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76, 5.669, 14.344**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **99, 5.163, 199.206**, and **59, 5.364, 192.892** is the 20% darker color. If you saturate the color by 10%, you get **78, 12.355, 192.674**, and if you desaturate by 10%, it is **81, 1.801, 13.734**.

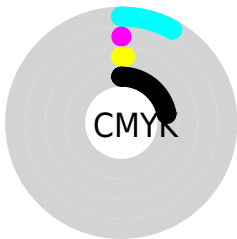
Distribution



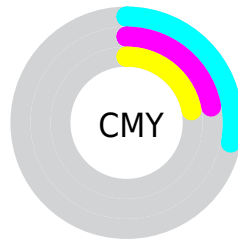
- Red (72%)
- Green (78%)
- Blue (78%)



- Red (72%)
- Yellow (75%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (28%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 5.437, 193.445 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, 5.437, 193.445 by changing the saturation by 10% instead.

■ 79, 5.437, 193.445

■ 79, 5.437, 193.445

■ 100, 5.437,
193.445

■ 69, 5.437, 193.445

■ 99, 5.437, 193.445

■ 59, 5.437, 193.445

■ 49, 5.437, 193.445

■ 39, 5.437, 193.445

■ 29, 5.437, 193.445

■ 19, 5.437, 193.445

■ 9, 5.437, 193.445

■ 0, 5.437, 193.445

■ 79, 5.437, 193.445

■ 79, 5.437, 193.445

78, 12.355,
192.674

81, 1.801, 13.734

76, 18.838,
191.965

82, 9.262, 14.681

75, 24.768,
191.268

84, 16.861, 15.414

75, 30.027,
190.575

85, 21.369, 15.073

74, 34.509,
189.878

85, 21.396, 13.228

73, 38.135,
189.168

85, 21.447, 11.391

73, 40.869,
188.431

85, 21.521, 9.564

73, 42.728,
187.652

85, 21.618, 7.752

72, 43.821,

186.821

Harmonies

Complementary

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



79, 5.437, 193.445



76, 5.669, 14.344

Rectangle

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



79, 5.437, 193.445



79, 5.437, 243.445



79, 5.437, 13.445



79, 5.437, 63.445

Sweetspot

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



79, 5.438, 193.429



100, 1.781, 194.083



79, 9.530, 141.815



53, 1.013, 194.109



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, 5.438, 193.429



98, 7.913, 193.301



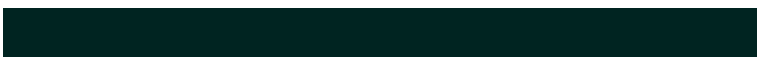
77, 4.553, 246.844



41, 4.073, 193.281



60, 38.019, 186.746



12, 13.557, 188.775

Inverse Universe

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



76, 5.669, 14.344



94, 8.321, 14.492



77, 4.675, 65.011



39, 4.289, 14.516



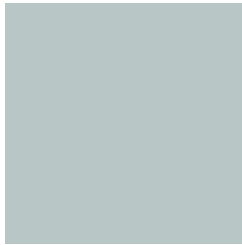
34, 72.016, 37.011



3, 15.927, 15.941

Previews

White Background



This preview shows how the CIELCh color 79, 5.437, 193.445 looks on a white background.

Color Contrast Check

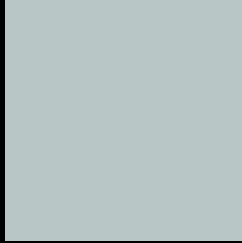
Large Text (above 18pt) WCAG AA × Fail

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, 5.437, 193.445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

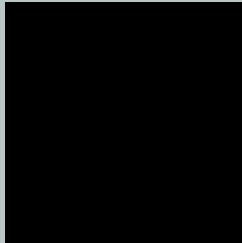
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

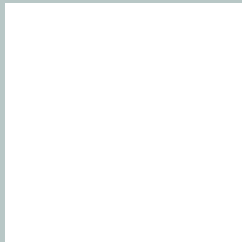
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 5.437, 193.445

Background



This preview shows how black text looks on a background with the CIELCh color 79, 5.437, 193.445.

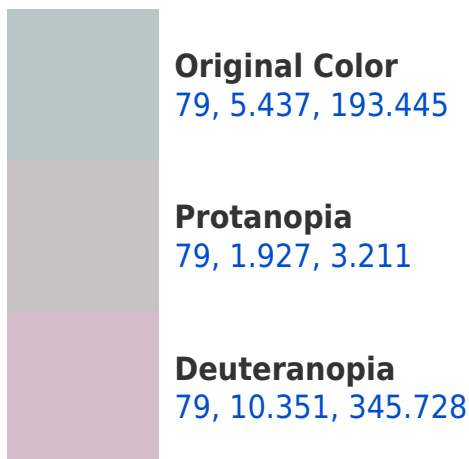


This preview shows how white text looks on a background with the CIELCh color 79, 5.437, 193.445.

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, 9.166, 268.504

Trichromacy



Original Color
79, 5.437, 193.445

Protanomaly
79, 1.095, 199.817

Deuteranomaly
79, 4.630, 335.899

Tritanomaly
79, 6.750, 251.726

Monochromacy



Original Color
79, 5.437, 193.445

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 2.258, 185.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 5.437, 193.445 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(184, 199, 198)` looks like.

```
.text, #text, p{  
    color:rgb(184, 199, 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(184, 199, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 199, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 5.437, 193.445 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(184, 199, 198) }
```

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

```
.border{ border-color:rgb(184, 199, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 199, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 199, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 199, 198);  
box-shadow:4px 4px 4px 4px rgb(184, 199,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 5.437, 193.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 199, 198) }
```

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

```
.background{ background-color: rgb(184,  
199, 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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