

Converting Colors

CIELCh(79, 5.549, 166.558)

Have a look what the booklet for
CIELCh(79, 5.549, 166.558) contains.

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Color

CIELCh(79, 5.757, 165.297)

Conversions

Conversions Part 1

Format	Color
Hex	BAC7C1
RGB	186, 199, 193
RGB Percent	73%, 78%, 76%
CMY	0.2719, 0.2209, 0.2444
CMYK	0.07, 0.00, 0.03, 0.22
HSL	152°, 10%, 75%
HSV	152°, 7%, 78%
XYZ	50.1067, 54.9284, 58.2213
YIQ	194.4290, -5.8220, -4.6220

Conversions

Conversions Part 2

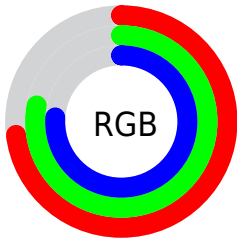
Format	Color
RYB	186, 194, 199
Decimal	12240833
CIELab	79.00, -5.57, 1.46
CIELCh	79, 5.757, 165.297
Yxy	54.9284, 0.3069, 0.3365
Android (android.graphics.Color)	4290430913 (0xFFBAC7C1)
YUV	194.4290, -0.7045, -7.3922
Hunter-Lab	74.1137, -9.0188, 5.3033

Details

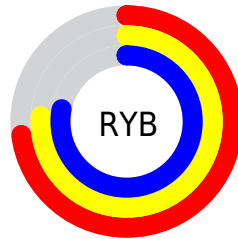
The CIELCh color $79, 5.757, 165.297$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 5.824, 346.254$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $99, 5.493, 165.433$, and $59, 5.463, 167.755$ is the 20% darker color. If you saturate the color by 10%, you get $77, 14.549, 164.334$, and if you desaturate by 10%, it is $81, 3.047, 345.911$.

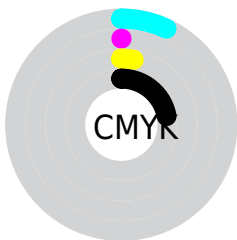
Distribution



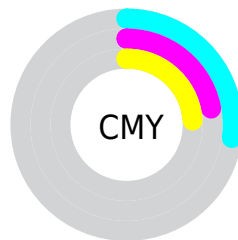
- Red (73%)
- Green (78%)
- Blue (76%)



- Red (73%)
- Yellow (76%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (27%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 5.757, 165.297 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, 5.757, 165.297 by changing the saturation by 10% instead.

■ 79, 5.757, 165.297

■ 79, 5.757, 165.297

■ 100, 5.757,
165.297

■ 69, 5.757, 165.297

■ 99, 5.757, 165.297

■ 59, 5.757, 165.297

■ 49, 5.757, 165.297

■ 39, 5.757, 165.297

■ 29, 5.757, 165.297

■ 19, 5.757, 165.297

■ 9, 5.757, 165.297

■ 0, 5.757, 165.297

■ 79, 5.757, 165.297

■ 79, 5.757, 165.297

77, 14.549,
164.334

81, 3.047, 345.911

76, 23.217,
163.314

83, 11.783,
346.775

75, 31.635,
162.184

85, 20.386,
347.496

74, 39.658,
160.916

86, 25.849,
343.195

73, 47.140,
159.486

86, 28.872,
335.535

72, 53.944,
157.870

86, 32.341,
329.507

71, 59.970,
156.047

87, 35.329,
325.653

71, 65.172,
154.012

71, 69.594,

151.789

Harmonies

Complementary

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



79, 5.757, 165.297



77, 5.824, 346.254

Rectangle

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



79, 5.757, 165.297



79, 5.757, 215.297



79, 5.757, 345.297



79, 5.757, 35.297

Sweetspot

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



79, 5.759, 165.290



100, 2.149, 165.836



79, 7.400, 129.964



53, 1.222, 165.856



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, 5.759, 165.290



98, 8.625, 165.138



79, 4.528, 202.115



41, 4.998, 165.018



59, 60.949, 151.390



11, 19.432, 157.689

Inverse Universe

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



77, 5.824, 346.254



95, 8.740, 346.408



77, 4.719, 22.490



39, 5.072, 346.529



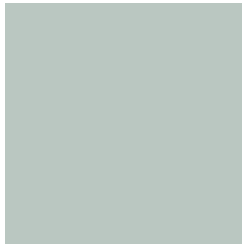
35, 60.479, 5.200



4, 17.508, 355.297

Previews

White Background



This preview shows how the CIELCh color 79, 5.757, 165.297 looks on a white background.

Color Contrast Check

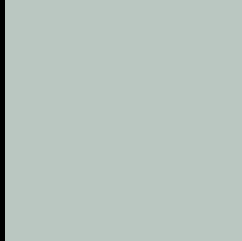
Large Text (above 18pt) WCAG AA × Fail

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, 5.757, 165.297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

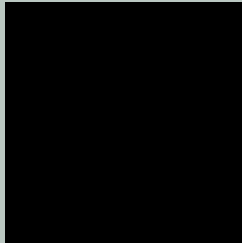
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

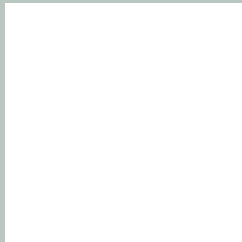
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 5.757, 165.297

Background



This preview shows how black text looks on a background with the CIELCh color 79, 5.757, 165.297.



This preview shows how white text looks on a background with the CIELCh color 79, 5.757, 165.297.

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](#).

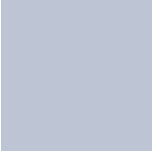
Dichromacy



Original Color
79, 5.757, 165.297

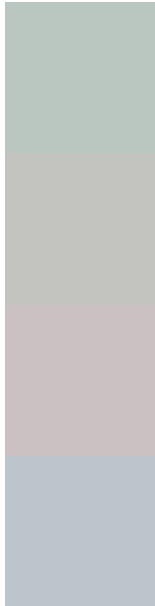
Protanopia
79, 3.230, 74.704

Deuteranopia
79, 9.875, 1.329



Tritanopia
79, 8.335, 273.705

Trichromacy



Original Color
79, 5.757, 165.297

Protanomaly
79, 2.686, 117.828

Deuteranomaly
79, 4.121, 12.184

Tritanomaly
79, 4.884, 249.374

Monochromacy



Original Color
79, 5.757, 165.297

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 2.127, 169.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 5.757, 165.297 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, 199, 193)` looks like.

```
.text, #text, p{  
    color:rgb(186, 199, 193)  
}
```

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, 199, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 199, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 5.757, 165.297 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, 199, 193) }
```

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

```
.border{ border-color:rgb(186, 199, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 199, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 199, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 199, 193);  
box-shadow:4px 4px 4px 4px rgb(186, 199,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 5.757, 165.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 199, 193) }
```

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

```
.background{ background-color: rgb(186,  
199, 193) }
```

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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