

Converting Colors

CIELCh(79, 7.667, 178.510)

Have a look what the booklet for
CIELCh(79, 7.667, 178.510) contains.

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Color

CIELCh(79, 7.735, 178.669)

Conversions

Conversions Part 1

Format	Color
Hex	B4C8C3
RGB	180, 200, 195
RGB Percent	71%, 78%, 76%
CMY	0.2943, 0.2158, 0.2354
CMYK	0.10, 0.00, 0.03, 0.22
HSL	165°, 15%, 74%
HSV	165°, 10%, 78%
XYZ	49.3055, 54.9284, 59.6111
YIQ	193.4500, -10.3150, -5.7950

Conversions

Conversions Part 2

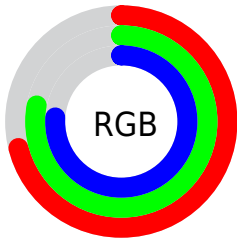
Format	Color
RYB	180, 191, 200
Decimal	11847875
CIELab	79.00, -7.73, 0.18
CIELCh	79, 7.735, 178.669
Yxy	54.9284, 0.3009, 0.3352
Android (android.graphics.Color)	4290037955 (0xFFB4C8C3)
YUV	193.4500, 0.7642, -11.7956
Hunter-Lab	74.1137, -10.9485, 4.1915

Details

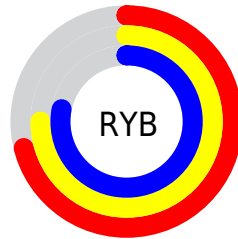
The CIELCh color $79, 7.735, 178.669$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 8.002, 0.401$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $99, 6.749, 185.968$, and $59, 7.823, 177.441$ is the 20% darker color. If you saturate the color by 10%, you get $78, 15.279, 177.663$, and if you desaturate by 10%, it is $81, 0.009, 286.386$.

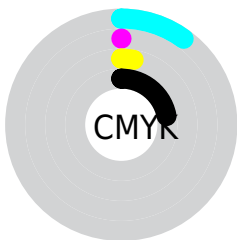
Distribution



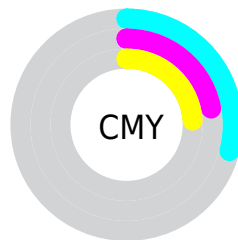
- Red (71%)
- Green (78%)
- Blue (76%)



- Red (71%)
- Yellow (75%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (29%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 7.735, 178.669 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, 7.735, 178.669 by changing the saturation by 10% instead.

■ 79, 7.735, 178.669

■ 79, 7.735, 178.669

■ 100, 7.735,
178.669

■ 69, 7.735, 178.669

■ 99, 7.735, 178.669

■ 59, 7.735, 178.669

■ 49, 7.735, 178.669

■ 39, 7.735, 178.669

■ 29, 7.735, 178.669

■ 19, 7.735, 178.669

■ 9, 7.735, 178.669

■ 0, 7.735, 178.669

■ 79, 7.735, 178.669

■ 79, 7.735, 178.669

78, 15.279,
177.663

81, 0.009, 286.386

76, 22.510,
176.618

82, 7.842, 0.308

75, 29.304,
175.496

84, 15.701, 1.164

74, 35.531,
174.275

86, 22.682,
353.886

73, 41.070,
172.931

86, 23.855,
348.200

73, 45.824,
171.441

86, 25.255,
343.120

72, 49.744,
169.780

86, 26.844,
338.634

72, 52.842,
167.933

86, 28.589,
334.699

72, 55.297,

165.947

Harmonies

Complementary

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



79, 7.735, 178.669



75, 8.002, 0.401

Rectangle

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



79, 7.735, 178.669



79, 7.735, 228.669



79, 7.735, 358.669



79, 7.735, 48.669

Sweetspot

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



79, 7.737, 178.660



99, 2.841, 179.445



79, 12.017, 136.357



53, 2.153, 179.327



0, 0.000, 0.000



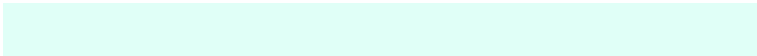
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 7.737, 178.660



98, 11.281, 178.445



78, 5.964, 223.944



41, 4.370, 178.723



60, 47.334, 166.275



11, 15.959, 171.534

Inverse Universe

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



75, 8.002, 0.401



92, 11.754, 0.638



76, 6.333, 42.983



39, 4.511, 0.334



34, 64.238, 24.879



4, 16.335, 6.671

Previews

White Background



This preview shows how the CIELCh color 79, 7.735, 178.669 looks on a white background.

Color Contrast Check

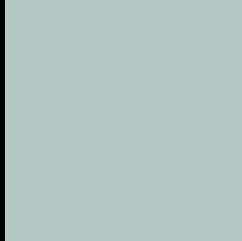
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 79, 7.735, 178.669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

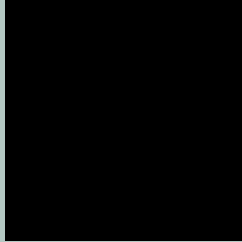
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

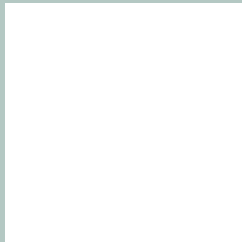
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 7.735, 178.669

Background



This preview shows how black text looks on a background with the CIELCh color 79, 7.735, 178.669.



This preview shows how white text looks on a background with the CIELCh color 79, 7.735, 178.669.

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, 7.735, 178.669

Protanopia
79, 2.456, 45.029

Deuteranopia
79, 9.903, 354.717



Tritanopia
79, 9.734, 260.919

Trichromacy



Original Color
79, 7.735, 178.669

Protanomaly
79, 1.947, 144.488

Deuteranomaly
79, 3.374, 351.199

Tritanomaly
79, 7.004, 236.826

Monochromacy



Original Color
79, 7.735, 178.669

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 3.120, 179.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 7.735, 178.669 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(180, 200, 195)` looks like.

```
.text, #text, p{  
    color:rgb(180, 200, 195)  
}
```

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(180, 200, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 200, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 7.735, 178.669 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(180, 200, 195) }
```

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

```
.border{ border-color:rgb(180, 200, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 200, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 200, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 200, 195);  
box-shadow:4px 4px 4px 4px rgb(180, 200,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 7.735, 178.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 200, 195) }
```

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

```
.background{ background-color: rgb(180,  
200, 195) }
```

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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