

Converting Colors

CIELCh(79, 10.850, 206.848)

Have a look what the booklet for
CIELCh(79, 10.850, 206.848)
contains.

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Color

CIELCh(79, 10.889, 207.164)

Conversions

Conversions Part 1

Format	Color
Hex	AAC9CC
RGB	170, 201, 204
RGB Percent	67%, 79%, 80%
CMY	0.3318, 0.2102, 0.1984
CMYK	0.17, 0.01, 0.00, 0.20
HSL	185°, 25%, 73%
HSV	185°, 17%, 80%
XYZ	48.5892, 54.9284, 65.4203
YIQ	192.0730, -19.4390, -5.6390

Conversions

Conversions Part 2

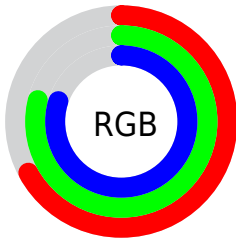
Format	Color
RYB	170, 186, 204
Decimal	11192780
CIELab	79.00, -9.69, -4.97
CIELCh	79, 10.889, 207.164
Yxy	54.9284, 0.2876, 0.3251
Android (android.graphics.Color)	4289382860 (0xFFAAC9CC)
YUV	192.0730, 5.8800, -19.3580
Hunter-Lab	74.1137, -12.6737, -0.4558

Details

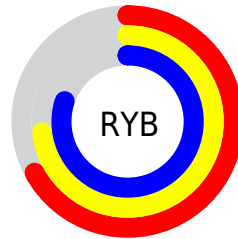
The CIELCh color **79, 10.889, 207.164** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73, 12.167, 27.979**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 9.843, 198.851**, and **59, 10.989, 207.395** is the 20% darker color. If you saturate the color by 10%, you get **77, 16.855, 207.064**, and if you desaturate by 10%, it is **81, 4.467, 207.397**.

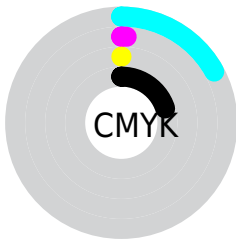
Distribution



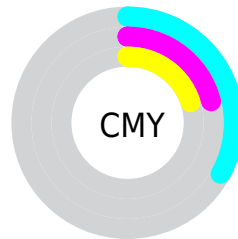
- Red (67%)
- Green (79%)
- Blue (80%)



- Red (67%)
- Yellow (73%)
- Blue (80%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)





- Cyan (33%)
- Magenta (21%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 10.889, 207.164 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, 10.889, 207.164 by changing the saturation by 10% instead.


 79, 10.889,
207.164


 79, 10.889,
207.164


 100, 10.889,
207.164


 69, 10.889,
207.164


 99, 10.889,
207.164

 59, 10.889,
207.164

 49, 10.889,
207.164

 39, 10.889,
207.164

 29, 10.889,
207.164

 19, 10.889,
207.164

 9, 10.889, 207.164

0, 10.889, 207.164

79, 10.889,
207.164

79, 10.889,
207.164

77, 16.855,
207.064

81, 4.467, 207.397

76, 22.253,
207.101

83, 2.312, 27.266

85, 9.358, 27.748

74, 26.973,
207.284

87, 16.593, 28.114

73, 30.915,
207.643

88, 17.171, 30.997

88, 16.714, 34.464

72, 34.001,
208.209

89, 16.324, 38.112

71, 36.193,
209.015

89, 16.004, 41.921

■ 70, 37.505,
210.093

■ 90, 15.760, 45.866

■ 69, 38.033,
211.462

■ 69, 38.128,
211.957

Harmonies

Complementary

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



79, 10.889, 207.164



73, 12.167, 27.979

Rectangle

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



79, 10.889, 207.164



79, 10.889, 257.164



79, 10.889, 27.164



79, 10.889, 77.164

Sweetspot

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



79, 10.890, 207.155



99, 4.041, 207.469



79, 20.961, 145.718



53, 2.752, 207.433



0, 0.000, 0.000



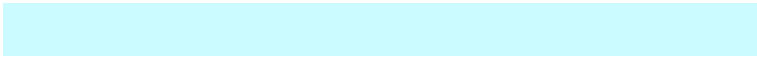
53, 0.007, 296.813

Same Dimension

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



79, 10.890, 207.155



95, 15.485, 207.108



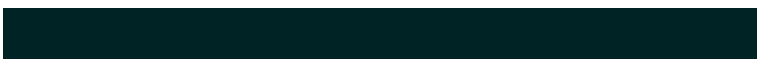
74, 11.685, 266.251



42, 3.784, 207.306



57, 32.665, 211.700



12, 12.373, 208.236

Inverse Universe

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



74, 20.923, 327.857



88, 30.123, 328.069



78, 11.936, 81.725



40, 7.097, 327.428



38, 78.161, 332.050



5, 27.045, 330.560

Previews

White Background



This preview shows how the CIELCh color 79, 10.889, 207.164 looks on a white background.

Color Contrast Check

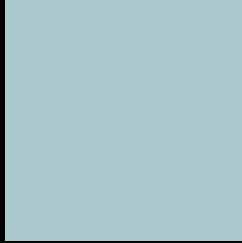
Large Text (above 18pt) WCAG AA × Fail

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, 10.889, 207.164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

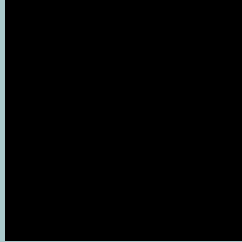
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

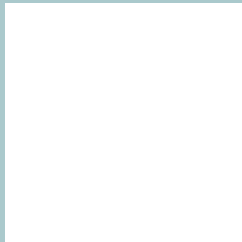
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 10.889, 207.164

Background



This preview shows how black text looks on a background with the CIELCh color 79, 10.889, 207.164.

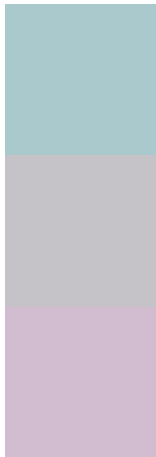


This preview shows how white text looks on a background with the CIELCh color 79, 10.889, 207.164.

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, 10.889, 207.164

Protanopia

79, 3.408, 309.164

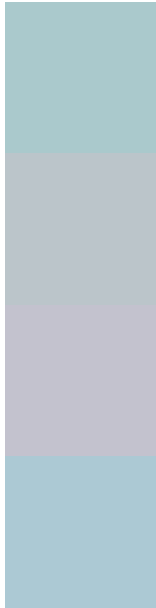
Deuteranopia

79, 12.112, 327.799



Tritanopia
79, 12.366, 242.821

Trichromacy



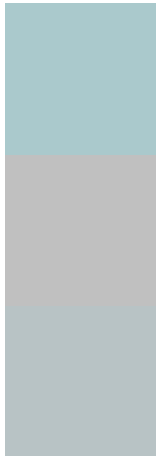
Original Color
79, 10.889, 207.164

Protanomaly
79, 4.429, 236.449

Deuteranomaly
79, 6.436, 293.960

Tritanomaly
79, 11.416, 229.896

Monochromacy



Original Color
79, 10.889, 207.164

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 4.092, 214.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 10.889, 207.164 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(170, 201, 204)` looks like.

```
.text, #text, p{  
    color:rgb(170, 201, 204)  
}
```

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(170, 201, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 201, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 10.889, 207.164 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(170, 201, 204) }
```

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

```
.border{ border-color:rgb(170, 201, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 201, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 201, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 201, 204);  
box-shadow:4px 4px 4px 4px rgb(170, 201,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 10.889, 207.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 201, 204) }
```

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

```
.background{ background-color: rgb(170,  
201, 204) }
```

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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