

Converting Colors

CIELCh(79, 10.828, 214.071)

Have a look what the booklet for
CIELCh(79, 10.828, 214.071)
contains.

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Color

CIELCh(79, 10.698, 213.225)

Conversions

Conversions Part 1

Format	Color
Hex	ABC9CE
RGB	171, 201, 206
RGB Percent	67%, 79%, 81%
CMY	0.3292, 0.2115, 0.1919
CMYK	0.17, 0.02, 0.00, 0.19
HSL	189°, 26%, 74%
HSV	189°, 17%, 81%
XYZ	48.8591, 54.9284, 66.4613
YIQ	192.6000, -19.4850, -4.8050

Conversions

Conversions Part 2

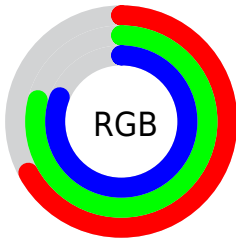
Format	Color
R_{YB}	171, 187, 206
Decimal	11258318
CIE _{Lab}	79.00, -8.95, -5.86
CIE _{LCh}	79, 10.698, 213.225
Yxy	54.9284, 0.2870, 0.3226
Android (android.graphics.Color)	4289448398 (0xFFABC9CE)
YUV	192.6000, 6.6062, -18.9432
Hunter-Lab	74.1137, -12.0237, -1.2886

Details

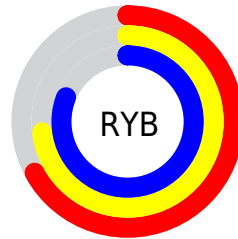
The CIELCh color **79, 10.698, 213.225** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 11.981, 33.225**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 9.514, 198.874**, and **59, 10.793, 213.808** is the 20% darker color. If you saturate the color by 10%, you get **77, 16.436, 213.427**, and if you desaturate by 10%, it is **81, 4.523, 213.192**.

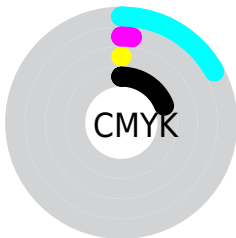
Distribution



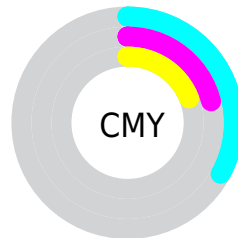
- Red (67%)
- Green (79%)
- Blue (81%)



- Red (67%)
- Yellow (73%)
- Blue (81%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)





- Cyan (33%)
- Magenta (21%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 10.698, 213.225 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, 10.698, 213.225 by changing the saturation by 10% instead.


 79, 10.698,
213.225

 79, 10.698,
213.225


 100, 10.698,
213.225


 69, 10.698,
213.225


 99, 10.698,
213.225

 59, 10.698,
213.225

 49, 10.698,
213.225

 39, 10.698,
213.225

 29, 10.698,
213.225

 19, 10.698,
213.225

 9, 10.698, 213.225

■ 0, 10.698, 213.225

■ 79, 10.698,
213.225

■ 79, 10.698,
213.225

■ 77, 16.436,
213.427

■ 81, 4.523, 213.192

■ 75, 21.633,
213.817

■ 83, 1.995, 32.792

■ 86, 8.773, 33.099

■ 73, 26.184,
214.423

■ 88, 15.741, 33.277

■ 72, 29.993,
215.292

■ 89, 15.664, 39.006

■ 90, 15.216, 45.595

■ 70, 32.987,
216.479

■ 91, 14.983, 52.478

■ 69, 35.130,
218.047

■ 91, 14.976, 59.465

■ 68, 36.445,
220.055

■ 92, 15.193, 66.342

■ 67, 37.044,
222.538

■ 66, 37.168,
223.331

Harmonies

Complementary

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



79, 10.698, 213.225



74, 11.981, 33.225

Rectangle

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



79, 10.698, 213.225



79, 10.698, 263.225



79, 10.698, 33.225



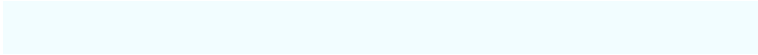
79, 10.698, 83.225

Sweetspot

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



79, 10.698, 213.216



99, 3.867, 213.233



80, 20.793, 147.199



52, 2.634, 213.214



0, 0.000, 0.000



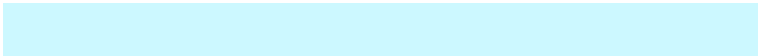
53, 0.007, 296.813

Same Dimension

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



79, 10.698, 213.216



95, 14.823, 213.267



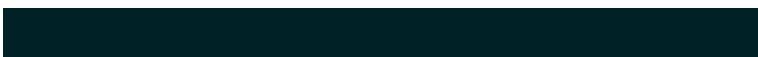
74, 12.677, 270.771



42, 3.621, 213.173



54, 31.632, 222.861



11, 11.933, 216.715

Inverse Universe

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



74, 20.703, 329.610



88, 29.006, 329.812



79, 12.807, 86.190



40, 6.831, 329.139



38, 74.930, 334.808



5, 25.854, 332.769

Previews

White Background



This preview shows how the CIELCh color 79, 10.698, 213.225 looks on a white background.

Color Contrast Check

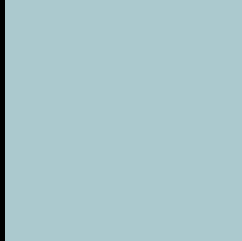
Large Text (above 18pt) WCAG AA × Fail

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, 10.698, 213.225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

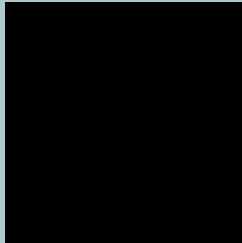
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

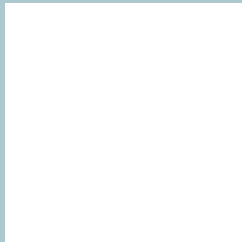
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 10.698, 213.225

Background



This preview shows how black text looks on a background with the CIELCh color 79, 10.698, 213.225.



This preview shows how white text looks on a background with the CIELCh color 79, 10.698, 213.225.

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, 10.698, 213.225

Protanopia

79, 4.433, 304.771

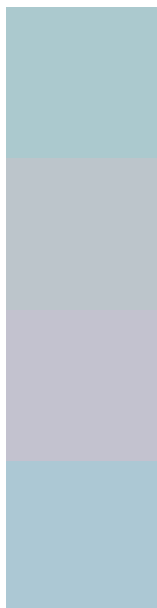
Deuteranopia

79, 11.678, 324.892



Tritanopia
79, 12.034, 240.824

Trichromacy



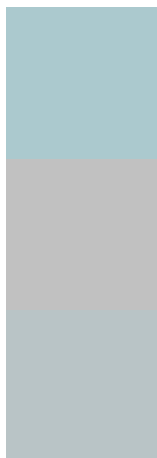
Original Color
79, 10.698, 213.225

Protanomaly
79, 4.502, 244.796

Deuteranomaly
79, 6.969, 293.756

Tritanomaly
79, 11.401, 233.203

Monochromacy



Original Color
79, 10.698, 213.225

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 4.088, 214.435

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 10.698, 213.225 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(171, 201, 206)` looks like.

```
.text, #text, p{  
    color:rgb(171, 201, 206)  
}
```

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(171, 201, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 201, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 10.698, 213.225 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(171, 201, 206) }
```

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

```
.border{ border-color:rgb(171, 201, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 201, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 201, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 201, 206); box-shadow:4px 4px 4px 4px rgb(171, 201, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 10.698, 213.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 201, 206) }
```

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

```
.background{ background-color: rgb(171,  
201, 206) }
```

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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