

Converting Colors

CIELCh(79, 11.499, 235.529)

Have a look what the booklet for
CIELCh(79, 11.499, 235.529)
contains.

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Color

CIELCh(79, 11.676, 235.507)

Conversions

Conversions Part 1

Format	Color
Hex	ACC8D5
RGB	172, 200, 213
RGB Percent	67%, 78%, 84%
CMY	0.3252, 0.2154, 0.1644
CMYK	0.19, 0.06, 0.00, 0.16
HSL	199°, 33%, 76%
HSV	199°, 19%, 84%
XYZ	49.7193, 54.9284, 70.9808
YIQ	193.1100, -20.8610, -1.8930

Conversions

Conversions Part 2

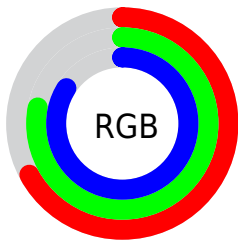
Format	Color
RYB	172, 189, 213
Decimal	11323605
CIELab	79.00, -6.61, -9.62
CIELCh	79, 11.676, 235.507
Yxy	54.9284, 0.2831, 0.3128
Android (android.graphics.Color)	4289513685 (0xFFACC8D5)
YUV	193.1100, 9.8058, -18.5135
Hunter-Lab	74.1137, -9.9519, -4.9041

Details

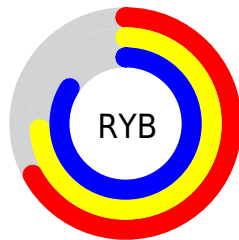
The CIELCh color **79, 11.676, 235.507** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **77, 12.983, 52.286**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 9.184, 198.897**, and **59, 11.587, 234.831** is the 20% darker color. If you saturate the color by 10%, you get **76, 17.297, 236.778**, and if you desaturate by 10%, it is **82, 5.730, 234.518**.

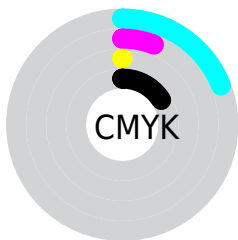
Distribution



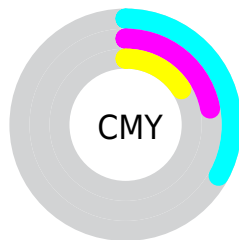
- Red (67%)
- Green (78%)
- Blue (84%)



- Red (67%)
- Yellow (74%)
- Blue (84%)



- Cyan (19%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)





- Cyan (33%)
- Magenta (22%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 11.676, 235.507 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, 11.676, 235.507 by changing the saturation by 10% instead.


 79, 11.676,
235.507

 79, 11.676,
235.507


 100, 11.676,
235.507


 69, 11.676,
235.507


 99, 11.676,
235.507

 59, 11.676,
235.507

 49, 11.676,
235.507

 39, 11.676,
235.507

 29, 11.676,
235.507

 19, 11.676,
235.507

 9, 11.676, 235.507

0, 11.676, 235.507

79, 11.676,
235.507

79, 11.676,
235.507

76, 17.297,
236.778

82, 5.730, 234.518

73, 22.524,
238.399

86, 0.473, 52.510

89, 6.874, 52.885

70, 27.290,
240.438

92, 12.689, 54.496

67, 31.545,
242.983

94, 13.270, 72.877

95, 15.049, 88.202

64, 35.270,
246.123

97, 17.650, 99.567

62, 38.499,
249.924

99, 20.753,
107.695

■ 60, 41.337,
254.401

■ 99, 21.185,
108.573

■ 57, 43.990,
259.386

■ 57, 44.199,
259.757

Harmonies

Complementary

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



79, 11.676, 235.507



77, 12.983, 52.286

Rectangle

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



79, 11.676, 235.507



79, 11.676, 285.507



79, 11.676, 55.507



79, 11.676, 105.507

Sweetspot

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



79, 11.676, 235.499



98, 4.331, 234.284



82, 21.163, 153.518



52, 2.869, 234.328



0, 0.000, 0.000



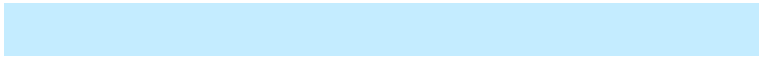
53, 0.007, 296.813

Same Dimension

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



79, 11.676, 235.499



91, 15.990, 235.973



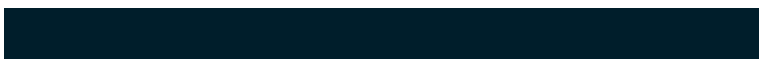
74, 18.276, 283.850



43, 3.532, 234.533



46, 37.186, 258.899



10, 13.409, 247.831

Inverse Universe

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



75, 21.346, 336.342



85, 29.560, 336.653



82, 17.848, 99.198



42, 6.283, 335.601



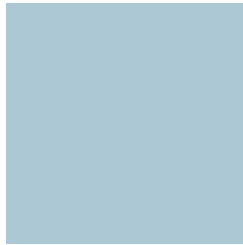
38, 67.731, 346.021



6, 26.156, 342.082

Previews

White Background



This preview shows how the CIELCh color 79, 11.676, 235.507 looks on a white background.

Color Contrast Check

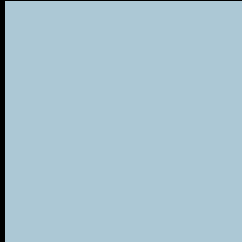
Large Text (above 18pt) WCAG AA × Fail

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, 11.676, 235.507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

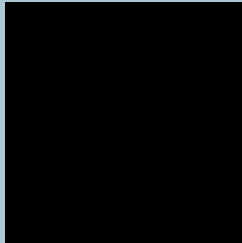
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

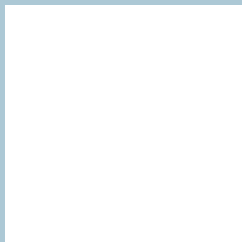
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 11.676, 235.507

Background



This preview shows how black text looks on a background with the CIELCh color 79, 11.676, 235.507.

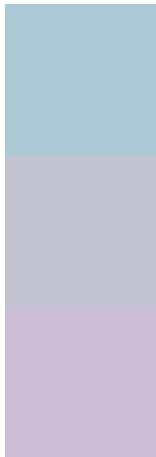


This preview shows how white text looks on a background with the CIELCh color 79, 11.676, 235.507.

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, 11.676, 235.507

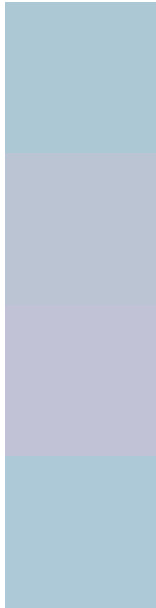
Protanopia
79, 8.036, 293.448

Deuteranopia
79, 14.470, 312.963



Tritanopia
79, 12.366, 242.821

Trichromacy



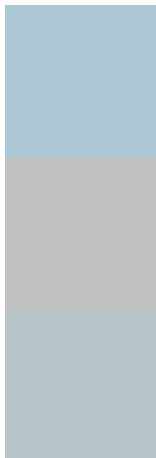
Original Color
79, 11.676, 235.507

Protanomaly
79, 8.062, 267.719

Deuteranomaly
79, 10.695, 289.264

Tritanomaly
79, 12.034, 240.824

Monochromacy



Original Color
79, 11.676, 235.507

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 4.455, 228.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 11.676, 235.507 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(172, 200, 213)` looks like.

```
.text, #text, p{  
    color:rgb(172, 200, 213)  
}
```

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(172, 200, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 200, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 11.676, 235.507 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(172, 200, 213) }
```

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

```
.border{ border-color:rgb(172, 200, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 200, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 200, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 200, 213);  
box-shadow:4px 4px 4px 4px rgb(172, 200,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 11.676, 235.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 200, 213) }
```

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

```
.background{ background-color: rgb(172,  
200, 213) }
```

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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