

Converting Colors

CIELCh(79, 21.773, 148.728)

Have a look what the booklet for
CIELCh(79, 21.773, 148.728)
contains.

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Color

CIELCh(79, 21.794, 148.721)

Conversions

Conversions Part 1

Format	Color
Hex	A7CDAE
RGB	167, 205, 174
RGB Percent	65%, 80%, 68%
CMY	0.3451, 0.1961, 0.3177
CMYK	0.19, 0.00, 0.15, 0.20
HSL	131°, 28%, 73%
HSV	131°, 19%, 80%
XYZ	45.4026, 54.9284, 48.2489
YIQ	190.1040, -12.6970, -17.6970

Conversions

Conversions Part 2

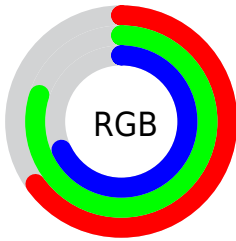
Format	Color
RYB	167, 199, 205
Decimal	10997166
CIELab	79.00, -18.63, 11.32
CIELCh	79, 21.794, 148.721
Yxy	54.9284, 0.3056, 0.3697
Android (android.graphics.Color)	4289187246 (0xFFA7CDAE)
YUV	190.1040, -7.9393, -20.2622
Hunter-Lab	74.1137, -20.3486, 13.2811

Details

The CIELCh color **79, 21.794, 148.721** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **73, 21.870, 331.120**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 17.373, 151.178**, and **59, 21.951, 149.358** is the 20% darker color. If you saturate the color by 10%, you get **77, 33.562, 147.865**, and if you desaturate by 10%, it is **81, 9.992, 149.469**.

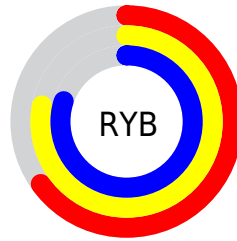
Distribution



Red (65%)

Green (80%)

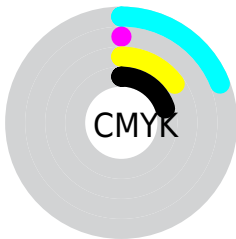
Blue (68%)



Red (65%)

Yellow (78%)

Blue (80%)

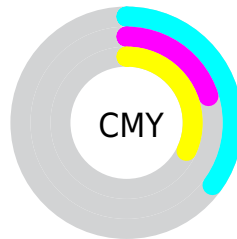


Cyan (19%)

Magenta (0%)

Yellow (15%)

Black (20%)



Cyan (35%)


Magenta (20%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 21.794, 148.721 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, 21.794, 148.721 by changing the saturation by 10% instead.


 79, 21.794,
148.721


 79, 21.794,
148.721


 100, 21.794,
148.721


 69, 21.794,
148.721


 99, 21.794,
148.721

 59, 21.794,
148.721

 49, 21.794,
148.721

 39, 21.794,
148.721

 29, 21.794,
148.721

 19, 21.794,
148.721

 9, 21.794, 148.721

0, 21.794, 148.721

79, 21.794,
148.721

79, 21.794,
148.721

77, 33.562,
147.865

81, 9.992, 149.469

76, 45.106,
146.875

83, 1.707, 329.887

75, 56.204,
145.734

85, 13.195,
330.591

74, 66.599,
144.434

87, 24.402,
331.076

73, 76.022,
142.984

88, 31.357,
325.516

73, 84.201,
141.420

■ 72, 90.891,
139.815

■ 72, 95.937,
138.313

■ 72, 96.557,
138.130

Harmonies

Complementary

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



79, 21.794, 148.721



73, 21.870, 331.120

Rectangle

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



79, 21.794, 148.721



79, 21.794, 198.721



79, 21.794, 328.721



79, 21.794, 18.721

Sweetspot

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



79, 21.796, 148.721



99, 8.366, 149.646



81, 20.206, 116.052



52, 5.552, 149.598



0, 0.000, 0.000



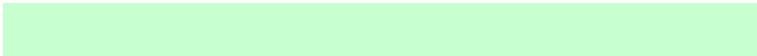
53, 0.007, 296.813

Same Dimension

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



79, 21.796, 148.721



95, 30.898, 148.415



79, 15.091, 173.090



42, 6.615, 149.408



59, 81.974, 138.372



12, 26.174, 146.179

Inverse Universe

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



73, 21.870, 331.120



86, 31.010, 331.363



72, 15.868, 356.650



40, 6.635, 330.529



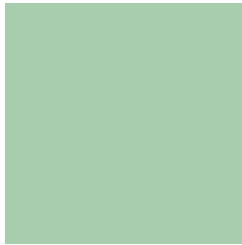
38, 72.615, 337.123



5, 24.982, 334.627

Previews

White Background



This preview shows how the CIELCh color 79, 21.794, 148.721 looks on a white background.

Color Contrast Check

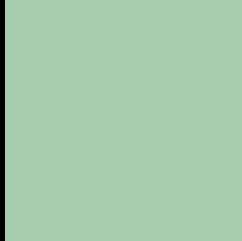
Large Text (above 18pt) WCAG AA × Fail

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, 21.794, 148.721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

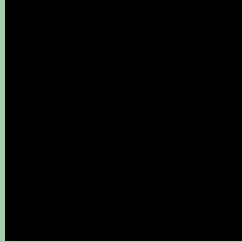
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

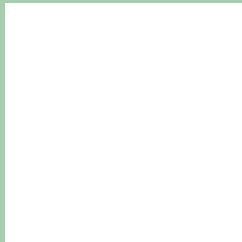
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 21.794, 148.721

Background



This preview shows how black text looks on a background with the CIELCh color 79, 21.794, 148.721.



This preview shows how white text looks on a background with the CIELCh color 79, 21.794, 148.721.

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](#).

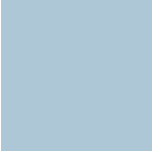
Dichromacy



Original Color
79, 21.794, 148.721

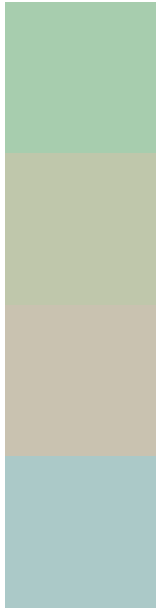
Protanopia
79, 14.351, 93.169

Deuteranopia
79, 13.774, 45.272



Tritanopia
79, 11.911, 245.036

Trichromacy



Original Color
79, 21.794, 148.721

Protanomaly
79, 15.187, 120.445

Deuteranomaly
79, 9.940, 93.640

Tritanomaly
79, 10.600, 195.754

Monochromacy



Original Color
79, 21.794, 148.721

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 7.644, 148.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 21.794, 148.721 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(167, 205, 174)` looks like.

```
.text, #text, p{  
    color:rgb(167, 205, 174)  
}
```

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(167, 205, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 205, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 21.794, 148.721 is called "border". The border property can be set on classes, ids or directly on the HTML element.

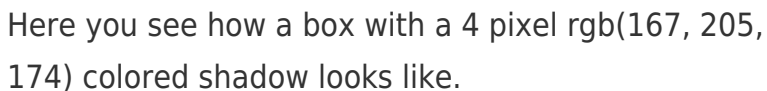
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 205, 174) }
```

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

```
.border{ border-color:rgb(167, 205, 174) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 205, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 205, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 205, 174); box-shadow:4px 4px 4px 4px rgb(167, 205, 174) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 21.794, 148.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 205, 174) }
```

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

```
.background{ background-color: rgb(167,  
205, 174) }
```

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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