

Converting Colors

CIELCh(79, 18.363, 148.913)

Have a look what the booklet for
CIELCh(79, 18.363, 148.913)
contains.

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Color

CIELCh(79, 18.727, 148.025)

Conversions

Conversions Part 1

Format	Color
Hex	ACCCB1
RGB	172, 204, 177
RGB Percent	67%, 80%, 69%
CMY	0.3267, 0.2013, 0.3071
CMYK	0.16, 0.00, 0.13, 0.20
HSL	129°, 24%, 74%
HSV	129°, 16%, 80%
XYZ	46.3643, 54.9284, 49.5889
YIQ	191.3540, -10.4050, -15.1810

Conversions

Conversions Part 2

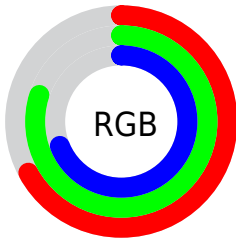
Format	Color
R _{YB}	172, 200, 204
Decimal	11324593
CIE Lab	79.00, -15.89, 9.92
CIE LCh	79, 18.727, 148.025
Yxy	54.9284, 0.3073, 0.3640
Android (android.graphics.Color)	4289514673 (0xFFACCCB1)
YUV	191.3540, -7.0765, -16.9735
Hunter-Lab	74.1137, -18.0323, 12.2091

Details

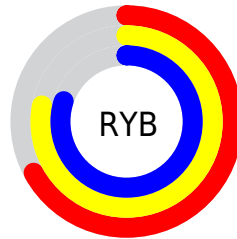
The CIELCh color **79, 18.727, 148.025** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **74, 18.778, 329.979**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 14.802, 149.345**, and **59, 19.160, 147.836** is the 20% darker color. If you saturate the color by 10%, you get **77, 30.704, 147.215**, and if you desaturate by 10%, it is **81, 6.764, 148.743**.

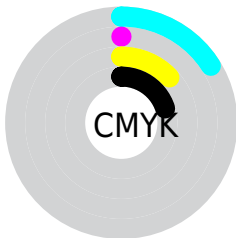
Distribution



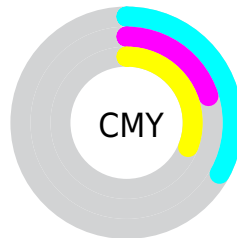
- Red (67%)
- Green (80%)
- Blue (69%)



- Red (67%)
- Yellow (78%)
- Blue (80%)



- Cyan (16%)
- Magenta (0%)
- Yellow (13%)
- Black (20%)





- Cyan (33%)
- Magenta (20%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 18.727, 148.025 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, 18.727, 148.025 by changing the saturation by 10% instead.


 79, 18.727,
148.025

 79, 18.727,
148.025


 100, 18.727,
148.025


 69, 18.727,
148.025


 99, 18.727,
148.025

 59, 18.727,
148.025

 49, 18.727,
148.025

 39, 18.727,
148.025

 29, 18.727,
148.025

 19, 18.727,
148.025

 9, 18.727, 148.025

■ 0, 18.727, 148.025

■ 79, 18.727,
148.025

■ 79, 18.727,
148.025

■ 77, 30.704,
147.215

■ 81, 6.764, 148.743

■ 76, 42.510,
146.277

■ 83, 5.057, 329.232

■ 75, 53.927,
145.194

■ 85, 16.637,
329.785

■ 74, 64.693,
143.960

■ 87, 27.913,
330.236

■ 73, 74.522,
142.582

■ 88, 32.184,
325.544

■ 72, 83.113,
141.097

■ 72, 90.181,
139.578

■ 72, 95.479,
138.140

■ 72, 97.241,
137.633

Harmonies

Complementary

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



79, 18.727, 148.025



74, 18.778, 329.979

Rectangle

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



79, 18.727, 148.025



79, 18.727, 198.025



79, 18.727, 328.025



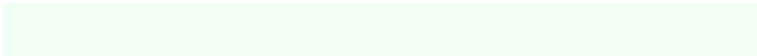
79, 18.727, 18.025

Sweetspot

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



79, 18.729, 148.025



99, 7.106, 148.790



81, 16.991, 114.894



53, 4.851, 148.738



0, 0.000, 0.000



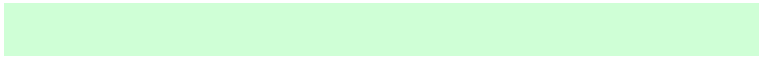
53, 0.007, 296.813

Same Dimension

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



79, 18.729, 148.025



96, 27.216, 147.751



79, 13.037, 171.161



42, 6.749, 148.483



59, 83.011, 137.845



12, 26.550, 145.645

Inverse Universe

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



74, 18.778, 329.979



88, 27.291, 330.202



73, 13.534, 354.081



40, 6.767, 329.583



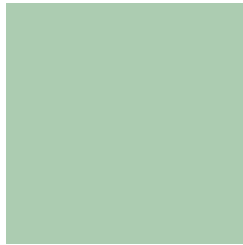
38, 74.160, 335.541



5, 25.566, 333.357

Previews

White Background



This preview shows how the CIELCh color 79, 18.727, 148.025 looks on a white background.

Color Contrast Check

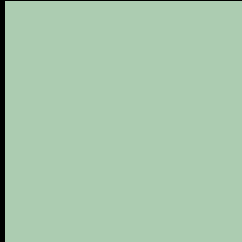
Large Text (above 18pt) WCAG AA × Fail

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, 18.727, 148.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

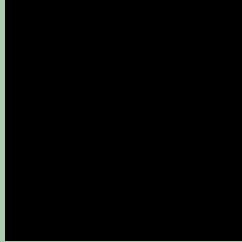
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

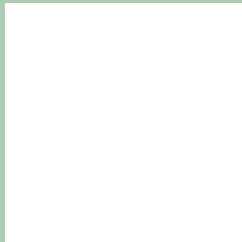
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 18.727, 148.025

Background



This preview shows how black text looks on a background with the CIELCh color 79, 18.727, 148.025.

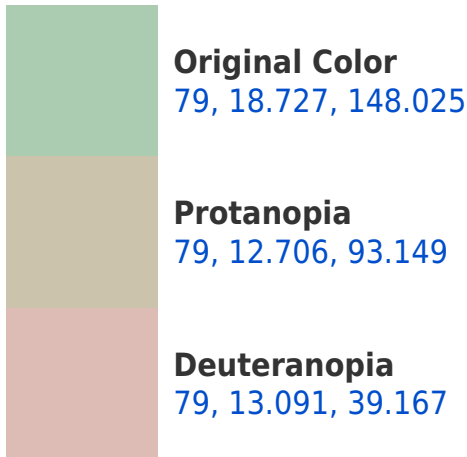


This preview shows how white text looks on a background with the CIELCh color 79, 18.727, 148.025.

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](#).

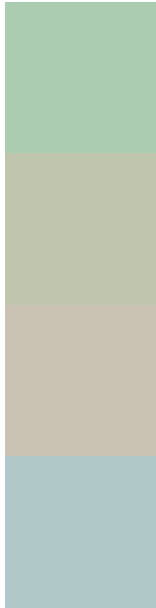
Dichromacy





Tritanopia
79, 10.835, 251.407

Trichromacy



Original Color
79, 18.727, 148.025

Protanomaly
79, 12.966, 119.163

Deuteranomaly
79, 8.535, 88.500

Tritanomaly
79, 8.517, 198.825

Monochromacy



Original Color
79, 18.727, 148.025

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 6.982, 149.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 18.727, 148.025 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, 204, 177)` looks like.

```
.text, #text, p{  
    color:rgb(172, 204, 177)  
}
```

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, 204, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 204, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 18.727, 148.025 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, 204, 177) }
```

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

```
.border{ border-color:rgb(172, 204, 177) }
```

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

Here you see how a box with a 4 pixel rgb(172, 204, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 204, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 204, 177);  
box-shadow:4px 4px 4px 4px rgb(172, 204,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 18.727, 148.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 204, 177) }
```

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

```
.background{ background-color: rgb(172,  
204, 177) }
```

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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