

Converting Colors

CIELCh(78, 15.828, 143.450)

Have a look what the booklet for
CIELCh(78, 15.828, 143.450)
contains.

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Color

CIELCh(78, 15.710, 143.736)

Conversions

Conversions Part 1

Format	Color
Hex	AFC7AF
RGB	175, 199, 175
RGB Percent	69%, 78%, 69%
CMY	0.3127, 0.2186, 0.3127
CMYK	0.12, 0.00, 0.12, 0.22
HSL	120°, 18%, 73%
HSV	120°, 12%, 78%
XYZ	45.9796, 53.2120, 48.5332
YIQ	189.0880, -6.6000, -12.5520

Conversions

Conversions Part 2

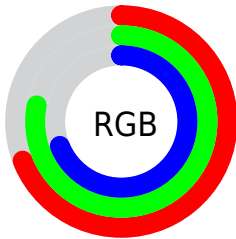
Format	Color
RYB	175, 199, 199
Decimal	11519919
CIELab	78.00, -12.67, 9.29
CIElCh	78, 15.710, 143.736
Yxy	53.2120, 0.3113, 0.3602
Android (android.graphics.Color)	4289709999 (0xFFAFC7AF)
YUV	189.0880, -6.9454, -12.3552
Hunter-Lab	72.9466, -15.1445, 11.6154

Details

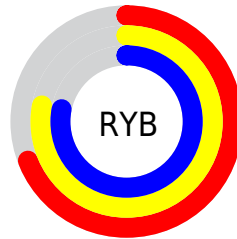
The CIELCh color **78, 15.710, 143.736** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 15.731, 325.082**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 14.970, 143.902**, and **58, 15.521, 144.671** is the 20% darker color. If you saturate the color by 10%, you get **76, 28.850, 143.012**, and if you desaturate by 10%, it is **80, 2.646, 144.426**.

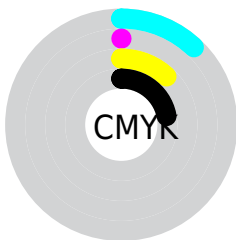
Distribution



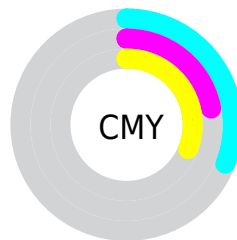
- Red (69%)
- Green (78%)
- Blue (69%)



- Red (69%)
- Yellow (78%)
- Blue (78%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)





- Cyan (31%)
- Magenta (22%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 15.710, 143.736 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 78, 15.710, 143.736 by changing the saturation by 10% instead.


 78, 15.710,
143.736


 78, 15.710,
143.736


 100, 15.710,
143.736


 68, 15.710,
143.736


 98, 15.710,
143.736


 58, 15.710,
143.736

 48, 15.710,
143.736

 38, 15.710,
143.736

 28, 15.710,
143.736

 18, 15.710,
143.736

 8, 15.710, 143.736

■ 0, 15.710, 143.736

■ 78, 15.710,
143.736

■ 78, 15.710,
143.736

■ 76, 28.850,
143.012

■ 80, 2.646, 144.426

■ 75, 41.862,
142.174

■ 82, 10.207,
324.818

■ 73, 54.484,
141.215

■ 84, 22.752,
325.267

■ 72, 66.378,
140.148

■ 87, 34.933,
325.639

■ 72, 77.126,
139.017

■ 87, 34.961,
325.640

■ 71, 86.236,
137.911

■ 70, 93.181,
136.963

■ 70, 97.549,
136.315

■ 70, 99.475,
136.016

Harmonies

Complementary

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



78, 15.710, 143.736



74, 15.731, 325.082

Rectangle

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



78, 15.710, 143.736



78, 15.710, 193.736



78, 15.710, 323.736



78, 15.710, 13.736

Sweetspot

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



78, 15.712, 143.736



99, 6.331, 144.263



80, 12.516, 108.336



53, 4.503, 144.211



0, 0.000, 0.000



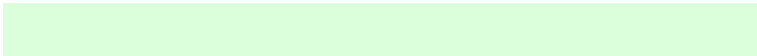
53, 0.007, 296.813

Same Dimension

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



78, 15.712, 143.736



97, 22.328, 143.589



78, 11.067, 161.798



41, 7.371, 143.913



58, 85.776, 136.016



11, 26.597, 143.591

Inverse Universe

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



74, 15.731, 325.082



91, 22.351, 325.202



74, 11.227, 343.728



39, 7.382, 324.932



39, 82.760, 328.232



4, 26.742, 327.026

Previews

White Background



This preview shows how the CIELCh color 78, 15.710, 143.736 looks on a white background.

Color Contrast Check

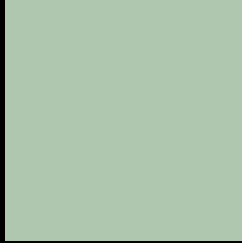
Large Text (above 18pt) WCAG AA × Fail

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 78, 15.710, 143.736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

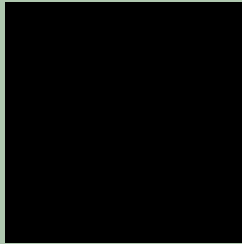
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

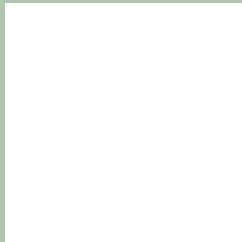
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 15.710, 143.736

Background



This preview shows how black text looks on a background with the CIELCh color 78, 15.710, 143.736.

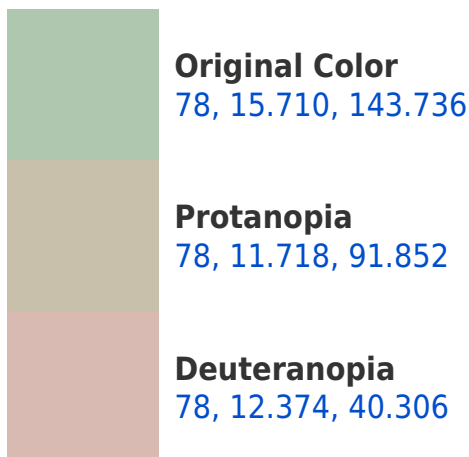


This preview shows how white text looks on a background with the CIELCh color 78, 15.710, 143.736.

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](#).

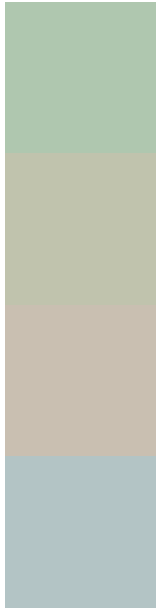
Dichromacy





Tritanopia
78, 9.601, 262.747

Trichromacy



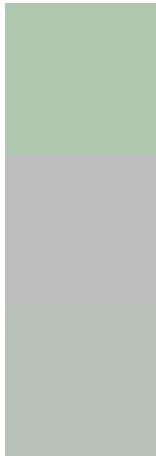
Original Color
78, 15.710, 143.736

Protanomaly
78, 11.777, 114.677

Deuteranomaly
78, 8.382, 82.327

Tritanomaly
78, 6.108, 204.072

Monochromacy



Original Color
78, 15.710, 143.736

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 5.891, 144.222

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 15.710, 143.736 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(175, 199, 175)` looks like.

```
.text, #text, p{  
    color:rgb(175, 199, 175)  
}
```

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(175, 199, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 199, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 15.710, 143.736 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(175, 199, 175) }
```

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

```
.border{ border-color:rgb(175, 199, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 199, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 199, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 199, 175);  
box-shadow:4px 4px 4px 4px rgb(175, 199,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 15.710, 143.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 199, 175) }
```

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

```
.background{ background-color: rgb(175,  
199, 175) }
```

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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