

Converting Colors

CIELCh(78, 12.899, 158.390)

Have a look what the booklet for
CIELCh(78, 12.899, 158.390)
contains.

CIELCh(78, 12.536, 158.718)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 12.536, 158.718)

Conversions

Conversions Part 1

Format	Color
Hex	ADC7B8
RGB	173, 199, 184
RGB Percent	68%, 78%, 72%
CMY	0.3214, 0.2195, 0.2783
CMYK	0.13, 0.00, 0.08, 0.22
HSL	145°, 19%, 73%
HSV	145°, 13%, 78%
XYZ	46.3270, 53.2120, 53.1947
YIQ	189.5160, -10.6810, -10.1770

Conversions

Conversions Part 2

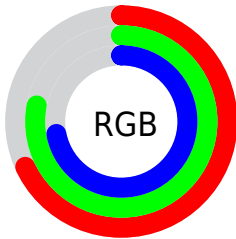
Format	Color
RYB	173, 191, 199
Decimal	11388856
CIELab	78.00, -11.68, 4.55
CIELCh	78, 12.536, 158.718
Yxy	53.2120, 0.3033, 0.3484
Android (android.graphics.Color)	4289578936 (0xFFADC7B8)
YUV	189.5160, -2.7194, -14.4845
Hunter-Lab	72.9466, -14.2945, 7.8267

Details

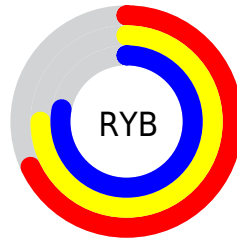
The CIELCh color **78, 12.536, 158.718** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73, 12.684, 340.718**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 11.957, 158.955**, and **58, 12.622, 159.190** is the 20% darker color. If you saturate the color by 10%, you get **76, 22.124, 157.794**, and if you desaturate by 10%, it is **80, 2.927, 159.623**.

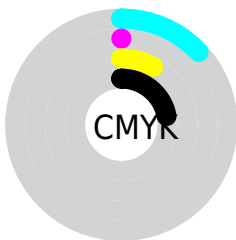
Distribution



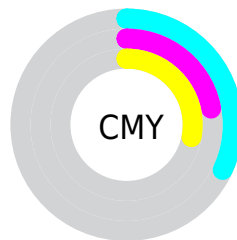
- Red (68%)
- Green (78%)
- Blue (72%)



- Red (68%)
- Yellow (75%)
- Blue (78%)



- Cyan (13%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)





- Cyan (32%)
- Magenta (22%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 12.536, 158.718 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, 12.536, 158.718 by changing the saturation by 10% instead.

 78, 12.536,
158.718

 78, 12.536,
158.718

 100, 12.536,
158.718


 68, 12.536,
158.718


 98, 12.536,
158.718

 58, 12.536,
158.718

 48, 12.536,
158.718

 38, 12.536,
158.718

 28, 12.536,
158.718

 18, 12.536,
158.718

 8, 12.536, 158.718

■ 0, 12.536, 158.718

■ 78, 12.536,
158.718

■ 78, 12.536,
158.718

■ 76, 22.124,
157.794

■ 80, 2.927, 159.623

■ 75, 31.557,
156.761

■ 82, 6.607, 340.162

■ 74, 40.688,
155.588

■ 84, 15.988,
340.851

■ 73, 49.350,
154.252

■ 86, 25.162,
341.456

■ 72, 57.379,
152.728

■ 86, 29.709,
333.503

■ 71, 64.631,
151.003

■ 87, 34.239,
326.667

■ 87, 35.100,

■ 71, 71.009,
149.072

325.645

■ 71, 76.484,
146.960

■ 71, 79.857,
145.475

Harmonies

Complementary

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



78, 12.536, 158.718



73, 12.684, 340.718

Rectangle

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



78, 12.536, 158.718



78, 12.536, 208.718



78, 12.536, 338.718



78, 12.536, 28.718

Sweetspot

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



78, 12.538, 158.716



99, 4.676, 159.515



79, 14.440, 125.482



53, 3.325, 159.440



0, 0.000, 0.000



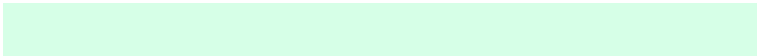
53, 0.007, 296.813

Same Dimension

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



78, 12.538, 158.716



97, 18.782, 158.434



78, 9.352, 191.603



41, 5.434, 159.036



59, 68.397, 145.824



11, 21.240, 152.932

Inverse Universe

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



73, 12.684, 340.718



90, 19.046, 340.989



73, 10.030, 13.547



39, 5.483, 340.407



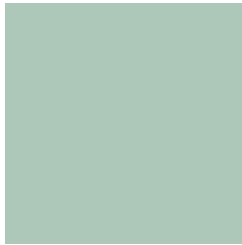
35, 62.084, 354.564



4, 18.718, 348.228

Previews

White Background



This preview shows how the CIELCh color 78, 12.536, 158.718 looks on a white background.

Color Contrast Check

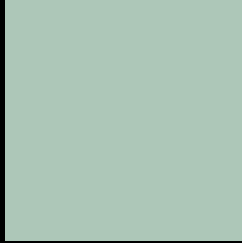
Large Text (above 18pt) WCAG AA × Fail

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 78, 12.536, 158.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

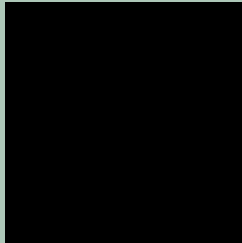
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

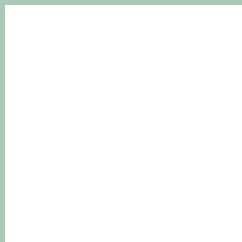
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 12.536, 158.718

Background



This preview shows how black text looks on a background with the CIELCh color 78, 12.536, 158.718.



This preview shows how white text looks on a background with the CIELCh color 78, 12.536, 158.718.

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
78, 12.536, 158.718

Protanopia
78, 6.916, 86.985

Deuteranopia
78, 10.240, 17.219



Tritanopia
78, 10.274, 255.916

Trichromacy



Original Color
78, 12.536, 158.718

Protanomaly
78, 7.712, 123.570

Deuteranomaly
78, 3.725, 65.145

Tritanomaly
78, 7.510, 219.928

Monochromacy



Original Color
78, 12.536, 158.718

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 4.283, 160.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 12.536, 158.718 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(173, 199, 184)` looks like.

```
.text, #text, p{  
    color:rgb(173, 199, 184)  
}
```

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(173, 199, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 199, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 12.536, 158.718 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(173, 199, 184) }
```

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

```
.border{ border-color:rgb(173, 199, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 199, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 199, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 199, 184);  
box-shadow:4px 4px 4px 4px rgb(173, 199,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 12.536, 158.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 199, 184) }
```

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

```
.background{ background-color: rgb(173,  
199, 184) }
```

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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