

Converting Colors

CIELCh(83, 31.688, 158.952)

Have a look what the booklet for
CIELCh(83, 31.688, 158.952)
contains.

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Color

CIELCh(83, 32.039, 158.526)

Conversions

Conversions Part 1

Format	Color
Hex	98DEB8
RGB	152, 222, 184
RGB Percent	60%, 87%, 72%
CMY	0.4051, 0.1307, 0.2796
CMYK	0.32, 0.00, 0.17, 0.13
HSL	147°, 51%, 73%
HSV	147°, 32%, 87%
XYZ	47.5447, 62.1629, 54.6689
YIQ	196.7380, -29.5220, -26.6580

Conversions

Conversions Part 2

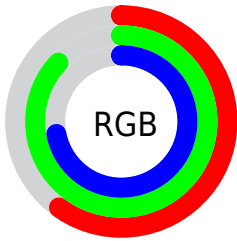
Format	Color
RYB	152, 200, 222
Decimal	10018488
CIELab	83.00, -29.81, 11.73
CIELCh	83, 32.039, 158.526
Yxy	62.1629, 0.2892, 0.3782
Android (android.graphics.Color)	4288208568 (0xFF98DEB8)
YUV	196.7380, -6.2798, -39.2352
Hunter-Lab	78.8435, -30.3360, 14.0796

Details

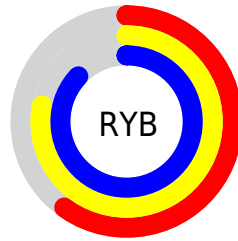
The CIELCh color **83, 32.039, 158.526** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **71, 33.045, 344.240**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.939, 172.908**, and **63, 32.433, 158.513** is the 20% darker color. If you saturate the color by 10%, you get **82, 41.750, 157.347**, and if you desaturate by 10%, it is **84, 22.009, 159.568**.

Distribution



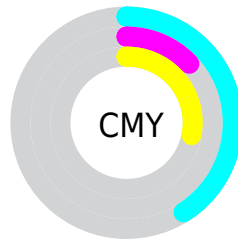
- Red (60%)
- Green (87%)
- Blue (72%)



- Red (60%)
- Yellow (78%)
- Blue (87%)



- Cyan (32%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)





- Cyan (41%)
- Magenta (13%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 32.039, 158.526 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 83, 32.039, 158.526 by changing the saturation by 10% instead.


 83, 32.039,
158.526


 83, 32.039,
158.526


 100, 32.039,
158.526


 73, 32.039,
158.526

 63, 32.039,
158.526

 53, 32.039,
158.526

 43, 32.039,
158.526

 33, 32.039,
158.526

 23, 32.039,
158.526

 13, 32.039,

158.526

■ 3, 32.039, 158.526

■ 0, 32.039, 158.526

■ 83, 32.039,
158.526

■ 83, 32.039,
158.526

■ 82, 41.750,
157.347

■ 84, 22.009,
159.568

■ 81, 50.963,
156.009

■ 86, 11.815,
160.505

■ 80, 59.503,
154.485

■ 88, 1.595, 161.557


■ 79, 67.219,
152.756


■ 90, 8.546, 341.987

■ 92, 16.505,
336.636

■ 78, 74.006,

150.815

 92, 20.853,
325.150

 78, 79.840,
148.677

 78, 84.133,
146.804

Harmonies

Complementary

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



83, 32.039, 158.526



71, 33.045, 344.240

Rectangle

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



83, 32.039, 158.526



83, 32.039, 208.526



83, 32.039, 338.526



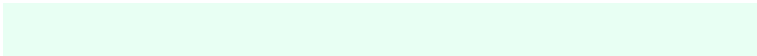
83, 32.039, 28.526

Sweetspot

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



83, 32.040, 158.525



98, 10.289, 160.729



85, 38.224, 125.776



52, 7.152, 160.598



0, 0.000, 0.000



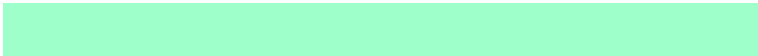
53, 0.007, 296.813

Same Dimension

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



83, 32.040, 158.525



93, 42.926, 157.750



84, 23.122, 193.204



45, 5.743, 160.697



62, 69.436, 147.210



15, 25.318, 151.953

Inverse Universe

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



71, 33.045, 344.240



76, 44.494, 344.988



70, 28.155, 18.314



43, 5.804, 342.130



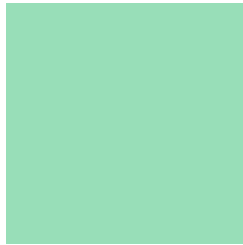
37, 64.122, 357.803



6, 25.550, 351.446

Previews

White Background



This preview shows how the CIELCh color 83, 32.039, 158.526 looks on a white background.

Color Contrast Check

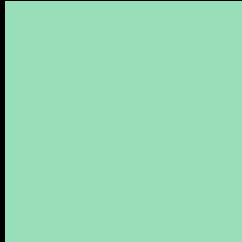
Large Text (above 18pt) WCAG AA × Fail

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 83, 32.039, 158.526 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

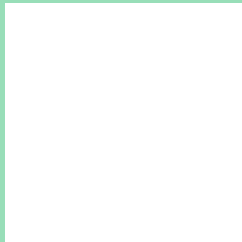
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 32.039, 158.526

Background



This preview shows how black text looks on a background with the CIELCh color 83, 32.039, 158.526.



This preview shows how white text looks on a background with the CIELCh color 83, 32.039, 158.526.

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
83, 32.039, 158.526

Protanopia
83, 16.354, 93.667

Deuteranopia
83, 13.720, 42.706



Tritanopia
83, 19.069, 226.683

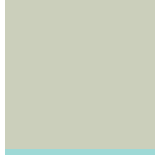
Trichromacy



Original Color
83, 32.039, 158.526



Protanomaly
82, 18.676, 129.961



Deuteranomaly
82, 10.653, 117.344

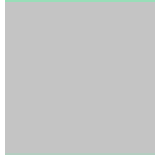


Tritanomaly
83, 19.883, 193.412

Monochromacy



Original Color
83, 32.039, 158.526



Achromatopsia
79, 0.010, 296.813



Achromatomaly
80, 11.491, 161.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 32.039, 158.526 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(152, 222, 184)` looks like.

```
.text, #text, p{  
    color:rgb(152, 222, 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(152, 222, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 222, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 32.039, 158.526 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(152, 222, 184) }
```

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

```
.border{ border-color:rgb(152, 222, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 222, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 222, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 222, 184);  
box-shadow:4px 4px 4px 4px rgb(152, 222,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 32.039, 158.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 222, 184) }
```

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

```
.background{ background-color: rgb(152,  
222, 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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