

Converting Colors

CIELCh(83, 33.263, 155.381)

Have a look what the booklet for
CIELCh(83, 33.263, 155.381)
contains.

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Color

CIELCh(83, 33.278, 155.517)

Conversions

Conversions Part 1

Format	Color
Hex	99DEB4
RGB	153, 222, 180
RGB Percent	60%, 87%, 71%
CMY	0.4008, 0.1303, 0.2949
CMYK	0.31, 0.00, 0.19, 0.13
HSL	143°, 51%, 73%
HSV	143°, 31%, 87%
XYZ	47.3757, 62.1629, 52.5686
YIQ	196.5810, -27.6420, -27.6900

Conversions

Conversions Part 2

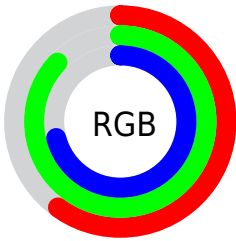
Format	Color
RYB	153, 203, 222
Decimal	10084020
CIELab	83.00, -30.29, 13.79
CIElCh	83, 33.278, 155.517
Yxy	62.1629, 0.2922, 0.3835
Android (android.graphics.Color)	4288274100 (0xFF99DEB4)
YUV	196.5810, -8.1744, -38.2205
Hunter-Lab	78.8435, -30.7186, 15.6591

Details

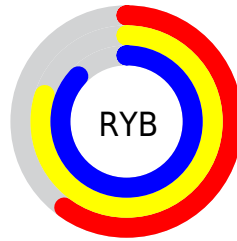
The CIELCh color **83, 33.278, 155.517** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **71, 33.974, 340.781**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.740, 166.966**, and **63, 33.532, 155.102** is the 20% darker color. If you saturate the color by 10%, you get **82, 43.604, 154.377**, and if you desaturate by 10%, it is **85, 22.660, 156.517**.

Distribution



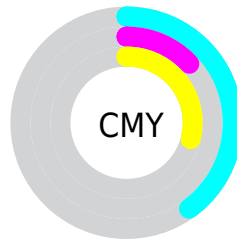
- Red (60%)
- Green (87%)
- Blue (71%)



- Red (60%)
- Yellow (80%)
- Blue (87%)



- Cyan (31%)
- Magenta (0%)
- Yellow (19%)
- Black (13%)





- Cyan (40%)
- Magenta (13%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 33.278, 155.517 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, 33.278, 155.517 by changing the saturation by 10% instead.


 83, 33.278,
155.517


 83, 33.278,
155.517


 100, 33.278,
155.517


 73, 33.278,
155.517

 63, 33.278,
155.517

 53, 33.278,
155.517

 43, 33.278,
155.517

 33, 33.278,
155.517

 23, 33.278,
155.517

 13, 33.278,

155.517

■ 3, 33.278, 155.517

■ 0, 33.278, 155.517

■ 83, 33.278,
155.517

■ 83, 33.278,
155.517

■ 82, 43.604,
154.377

■ 85, 22.660,
156.517

■ 81, 53.446,
153.075

■ 86, 11.913,
157.408

■ 80, 62.614,
151.586

■ 88, 1.177, 158.488


■ 79, 70.932,
149.895


■ 90, 9.441, 338.800


■ 92, 17.691,
332.510

■ 78, 78.272,

148.002

 92, 20.788,
325.148

 78, 84.574,
145.930

 78, 89.395,
144.034

Harmonies

Complementary

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



83, 33.278, 155.517



71, 33.974, 340.781

Rectangle

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



83, 33.278, 155.517



83, 33.278, 205.517



83, 33.278, 335.517



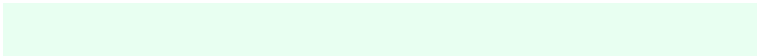
83, 33.278, 25.517

Sweetspot

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



83, 33.280, 155.516



98, 10.801, 157.581



85, 37.121, 123.281



52, 7.509, 157.456



0, 0.000, 0.000



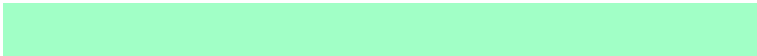
53, 0.007, 296.813

Same Dimension

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



83, 33.280, 155.516



93, 44.121, 154.830



84, 23.447, 187.282



45, 6.029, 157.551



62, 73.753, 144.424



15, 26.816, 149.107

Inverse Universe

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



71, 33.974, 340.781



77, 45.157, 341.387



70, 27.662, 13.124



43, 6.077, 338.900



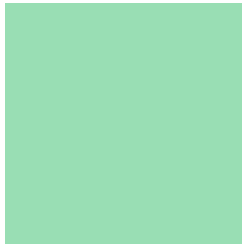
38, 65.760, 352.003



6, 26.468, 346.870

Previews

White Background



This preview shows how the CIELCh color 83, 33.278, 155.517 looks on a white background.

Color Contrast Check

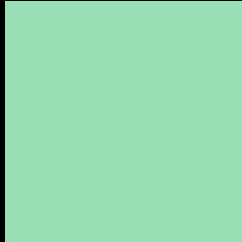
Large Text (above 18pt) WCAG AA × Fail

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, 33.278, 155.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

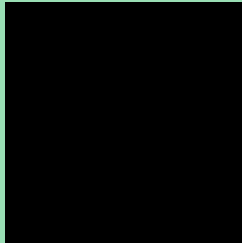
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

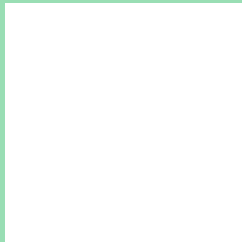
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 33.278, 155.517

Background



This preview shows how black text looks on a background with the CIELCh color 83, 33.278, 155.517.

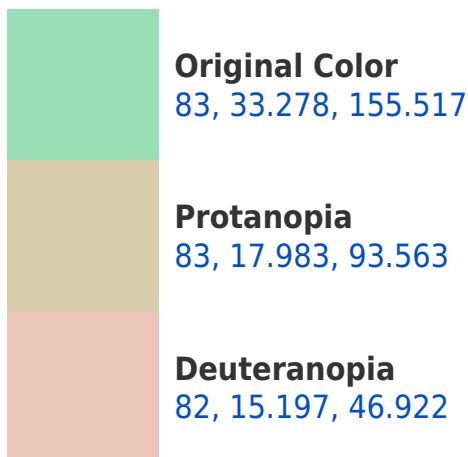


This preview shows how white text looks on a background with the CIELCh color 83, 33.278, 155.517.

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



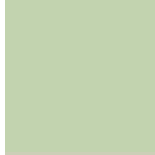


Tritanopia
83, 18.811, 227.120

Trichromacy



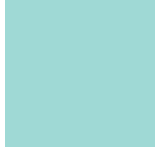
Original Color
83, 33.278, 155.517



Protanomaly
82, 20.017, 127.309



Deuteranomaly
82, 12.693, 114.188



Tritanomaly
83, 19.689, 191.823

Monochromacy



Original Color
83, 33.278, 155.517



Achromatopsia
79, 0.010, 296.813



Achromatomaly
80, 12.193, 157.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 33.278, 155.517 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(153, 222, 180)` looks like.

```
.text, #text, p{  
    color:rgb(153, 222, 180)  
}
```

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(153, 222, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 222, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 33.278, 155.517 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(153, 222, 180) }
```

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

```
.border{ border-color:rgb(153, 222, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 222, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 222, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 222, 180);  
box-shadow:4px 4px 4px 4px rgb(153, 222,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 33.278, 155.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 222, 180) }
```

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

```
.background{ background-color: rgb(153,  
222, 180) }
```

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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