

Converting Colors

CIELCh(83, 34.309, 154.589)

Have a look what the booklet for
CIELCh(83, 34.309, 154.589)
contains.

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Color

CIELCh(83, 34.282, 154.603)

Conversions

Conversions Part 1

Format	Color
Hex	98DEB2
RGB	152, 222, 178
RGB Percent	60%, 87%, 70%
CMY	0.4037, 0.1292, 0.3018
CMYK	0.32, 0.00, 0.20, 0.13
HSL	142°, 52%, 73%
HSV	142°, 32%, 87%
XYZ	47.1312, 62.1629, 51.6573
YIQ	196.0540, -27.5960, -28.5240

Conversions

Conversions Part 2

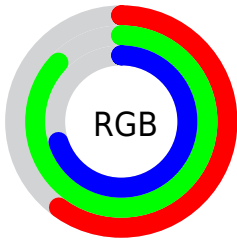
Format	Color
RYB	152, 203, 222
Decimal	10018482
CIELab	83.00, -30.97, 14.70
CIELCh	83, 34.282, 154.603
Yxy	62.1629, 0.2928, 0.3862
Android (android.graphics.Color)	4288208562 (0xFF98DEB2)
YUV	196.0540, -8.9006, -38.6354
Hunter-Lab	78.8435, -31.2721, 16.3444

Details

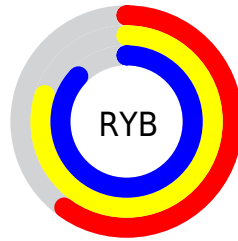
The CIELCh color $83, 34.282, 154.603$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $71, 34.918, 339.847$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 19.620, 164.957$, and $63, 34.581, 154.127$ is the 20% darker color. If you saturate the color by 10%, you get $82, 44.783, 153.467$, and if you desaturate by 10%, it is $85, 23.486, 155.597$.

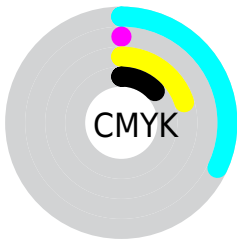
Distribution



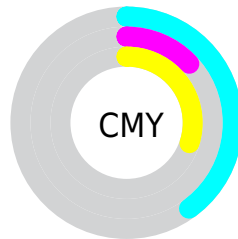
- Red (60%)
- Green (87%)
- Blue (70%)



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



- Cyan (32%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)





- Cyan (40%)
- Magenta (13%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 34.282, 154.603 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, 34.282, 154.603 by changing the saturation by 10% instead.


 83, 34.282,
154.603


 83, 34.282,
154.603


 100, 34.282,
154.603


 73, 34.282,
154.603

 63, 34.282,
154.603

 53, 34.282,
154.603

 43, 34.282,
154.603

 33, 34.282,
154.603

 23, 34.282,
154.603

 13, 34.282,

154.603

■ 3, 34.282, 154.603

■ 0, 34.282, 154.603

■ 83, 34.282,
154.603

■ 83, 34.282,
154.603

■ 82, 44.783,
153.467

■ 85, 23.486,
155.597

■ 81, 54.790,
152.167

■ 86, 12.560,
156.479

■ 80, 64.108,
150.679

■ 88, 1.649, 157.451


■ 79, 72.556,
148.992


■ 90, 9.139, 337.853


■ 92, 17.733,
331.952

■ 78, 79.997,

147.106

 92, 20.619,
325.142

 78, 86.364,
145.053

 78, 90.999,
143.278

Harmonies

Complementary

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



83, 34.282, 154.603



71, 34.918, 339.847

Rectangle

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



83, 34.282, 154.603



83, 34.282, 204.603



83, 34.282, 334.603



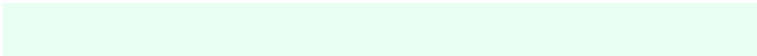
83, 34.282, 24.603

Sweetspot

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



83, 34.284, 154.602



98, 10.962, 156.685



85, 37.516, 122.613



52, 7.622, 156.562



0, 0.000, 0.000



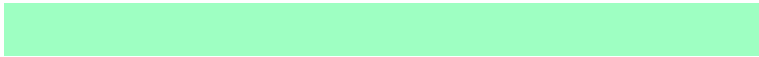
53, 0.007, 296.813

Same Dimension

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



83, 34.284, 154.602



93, 45.998, 153.851



84, 23.946, 185.808



46, 6.236, 156.653



63, 75.869, 143.637



16, 28.386, 147.956

Inverse Universe

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



71, 34.918, 339.847



77, 46.945, 340.491



70, 28.117, 11.906



44, 6.281, 337.982



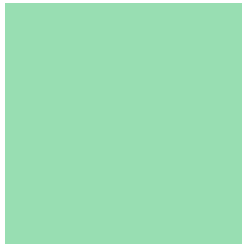
38, 67.111, 350.371



7, 28.138, 345.724

Previews

White Background



This preview shows how the CIELCh color 83, 34.282, 154.603 looks on a white background.

Color Contrast Check

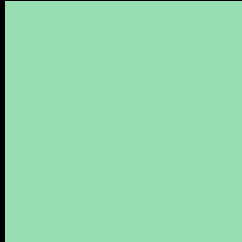
Large Text (above 18pt) WCAG AA × Fail

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, 34.282, 154.603 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, 34.282, 154.603

Background



This preview shows how black text looks on a background with the CIELCh color 83, 34.282, 154.603.

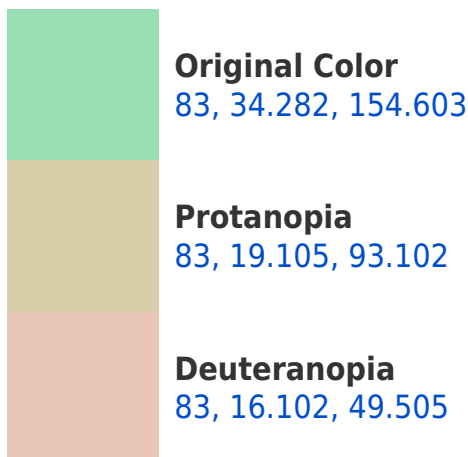


This preview shows how white text looks on a background with the CIELCh color 83, 34.282, 154.603.

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, 34.282, 154.603



Protanomaly
82, 21.010, 126.361



Deuteranomaly
82, 13.739, 113.720

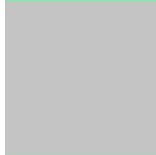


Tritanomaly
83, 20.236, 188.921

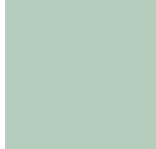
Monochromacy



Original Color
83, 34.282, 154.603



Achromatopsia
79, 0.010, 296.813



Achromatomaly
80, 12.563, 155.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 34.282, 154.603 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(152, 222, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 222, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 34.282, 154.603 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, 178) }
```

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

```
.border{ border-color:rgb(152, 222, 178) }
```

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, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 222, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 222, 178);  
box-shadow:4px 4px 4px 4px rgb(152, 222,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 34.282, 154.603 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, 178) }
```

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

```
.background{ background-color: rgb(152,  
222, 178) }
```

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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