

Converting Colors

CIELCh(83, 27.340, 158.799)

Have a look what the booklet for
CIELCh(83, 27.340, 158.799)
contains.

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Color

CIELCh(83, 27.742, 158.638)

Conversions

Conversions Part 1

Format	Color
Hex	A0DCBB
RGB	160, 220, 187
RGB Percent	63%, 86%, 73%
CMY	0.3730, 0.1377, 0.2671
CMYK	0.27, 0.00, 0.15, 0.14
HSL	147°, 46%, 74%
HSV	147°, 27%, 86%
XYZ	48.9889, 62.1629, 56.3612
YIQ	198.2980, -25.1670, -22.9830

Conversions

Conversions Part 2

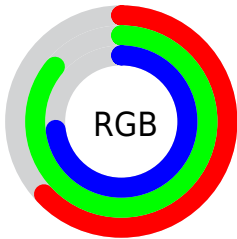
Format	Color
RYB	160, 201, 220
Decimal	10542267
CIELab	83.00, -25.84, 10.11
CIElCh	83, 27.742, 158.638
Yxy	62.1629, 0.2924, 0.3711
Android (android.graphics.Color)	4288732347 (0xFFA0DCBB)
YUV	198.2980, -5.5699, -33.5873
Hunter-Lab	78.8435, -27.0662, 12.8071

Details

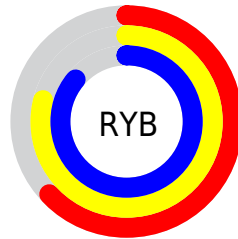
The CIELCh color $83, 27.742, 158.638$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $72, 28.477, 343.410$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 14.823, 174.015$, and $63, 27.799, 158.608$ is the 20% darker color. If you saturate the color by 10%, you get $82, 37.611, 157.525$, and if you desaturate by 10%, it is $85, 17.631, 159.625$.

Distribution



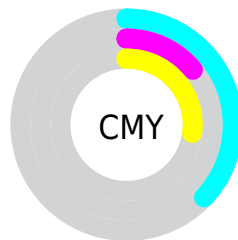
- Red (63%)
- Green (86%)
- Blue (73%)



- Red (63%)
- Yellow (79%)
- Blue (86%)



- Cyan (27%)
- Magenta (0%)
- Yellow (15%)
- Black (14%)



- Cyan (37%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 27.742, 158.638 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, 27.742, 158.638 by changing the saturation by 10% instead.

 83, 27.742,
158.638

 83, 27.742,
158.638

 100, 27.742,
158.638

 73, 27.742,
158.638

 63, 27.742,
158.638

 53, 27.742,
158.638

 43, 27.742,
158.638

 33, 27.742,
158.638

 23, 27.742,
158.638

 13, 27.742,

158.638

■ 3, 27.742, 158.638

■ 0, 27.742, 158.638

■ 83, 27.742,
158.638

■ 83, 27.742,
158.638

■ 82, 37.611,
157.525

■ 85, 17.631,
159.625

■ 80, 47.062,
156.262

■ 86, 7.421, 160.529

■ 79, 55.919,
154.824

■ 88, 2.762, 341.104

■ 79, 64.017,
153.188

■ 90, 12.824,
341.930

■ 78, 71.227,

■ 91, 18.905,
332.030

151.342

92, 21.988,
325.190

78, 77.483,
149.290

77, 82.823,
147.077

77, 84.179,
146.491

Harmonies

Complementary

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



83, 27.742, 158.638



72, 28.477, 343.410

Rectangle

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



83, 27.742, 158.638



83, 27.742, 208.638



83, 27.742, 338.638



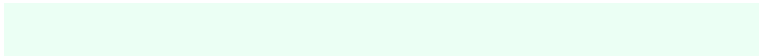
83, 27.742, 28.638

Sweetspot

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



83, 27.744, 158.637



98, 9.191, 160.459



84, 32.875, 125.990



52, 6.535, 160.324



0, 0.000, 0.000



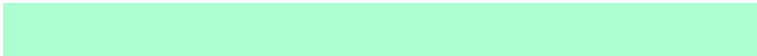
53, 0.007, 296.813

Same Dimension

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



83, 27.744, 158.637



94, 37.682, 157.988



84, 20.156, 193.481



45, 5.773, 160.338



62, 69.919, 146.884



15, 25.484, 151.620

Inverse Universe

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



72, 28.477, 343.410



79, 38.866, 344.031



72, 23.829, 17.748



43, 5.833, 341.762



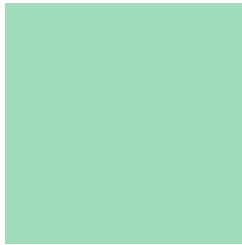
37, 64.263, 357.147



6, 25.641, 350.924

Previews

White Background



This preview shows how the CIELCh color 83, 27.742, 158.638 looks on a white background.

Color Contrast Check

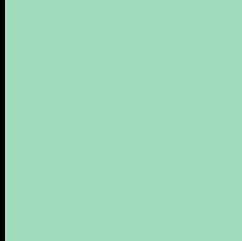
Large Text (above 18pt) WCAG AA × Fail

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, 27.742, 158.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

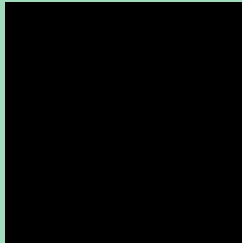
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

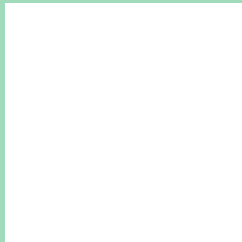
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 27.742, 158.638

Background



This preview shows how black text looks on a background with the CIELCh color 83, 27.742, 158.638.

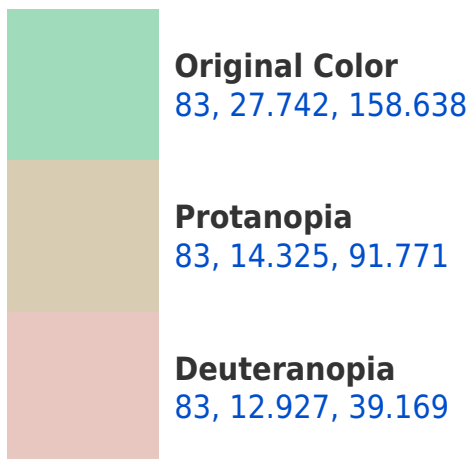


This preview shows how white text looks on a background with the CIELCh color 83, 27.742, 158.638.

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, 17.017, 230.609

Trichromacy



Original Color
83, 27.742, 158.638



Protanomaly
82, 15.681, 128.480



Deuteranomaly
83, 8.990, 114.155

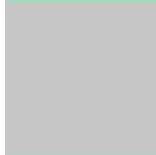


Tritanomaly
83, 16.961, 196.434

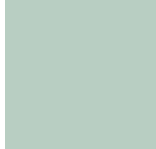
Monochromacy



Original Color
83, 27.742, 158.638



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 10.292, 160.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 27.742, 158.638 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(160, 220, 187)` looks like.

```
.text, #text, p{  
    color:rgb(160, 220, 187)  
}
```

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(160, 220, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 220, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 27.742, 158.638 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(160, 220, 187) }
```

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

```
.border{ border-color:rgb(160, 220, 187) }
```

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

Here you see how a box with a 4 pixel rgb(160, 220, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 220, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 220, 187);  
box-shadow:4px 4px 4px 4px rgb(160, 220,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 27.742, 158.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 220, 187) }
```

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

```
.background{ background-color: rgb(160,  
220, 187) }
```

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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