

Converting Colors

CIELCh(83, 28.428, 159.343)

Have a look what the booklet for
CIELCh(83, 28.428, 159.343)
contains.

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Color

CIELCh(83, 28.257, 159.413)

Conversions

Conversions Part 1

Format	Color
Hex	9EDCBB
RGB	158, 220, 187
RGB Percent	62%, 86%, 73%
CMY	0.3797, 0.1365, 0.2660
CMYK	0.28, 0.00, 0.15, 0.14
HSL	148°, 47%, 74%
HSV	148°, 28%, 86%
XYZ	48.7633, 62.1629, 56.5396
YIQ	197.7000, -26.3590, -23.4070

Conversions

Conversions Part 2

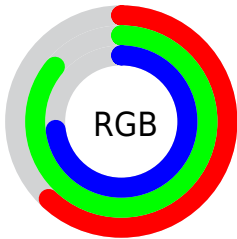
Format	Color
RYB	158, 200, 220
Decimal	10411195
CIELab	83.00, -26.45, 9.94
CIELCh	83, 28.257, 159.413
Yxy	62.1629, 0.2912, 0.3712
Android (android.graphics.Color)	4288601275 (0xFF9EDCBB)
YUV	197.7000, -5.2751, -34.8169
Hunter-Lab	78.8435, -27.5771, 12.6729

Details

The CIELCh color **83, 28.257, 159.413** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **72, 29.105, 344.449**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.425, 174.976**, and **63, 28.314, 159.359** is the 20% darker color. If you saturate the color by 10%, you get **82, 37.952, 158.279**, and if you desaturate by 10%, it is **85, 18.298, 160.420**.

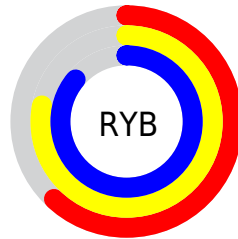
Distribution



Red (62%)

Green (86%)

Blue (73%)



Red (62%)

Yellow (78%)

Blue (86%)

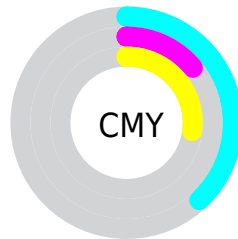


Cyan (28%)

Magenta (0%)

Yellow (15%)

Black (14%)



Cyan (38%)


Magenta (14%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 28.257, 159.413 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, 28.257, 159.413 by changing the saturation by 10% instead.


 83, 28.257,
159.413


 83, 28.257,
159.413


 100, 28.257,
159.413


 73, 28.257,
159.413

 63, 28.257,
159.413

 53, 28.257,
159.413

 43, 28.257,
159.413

 33, 28.257,
159.413

 23, 28.257,
159.413

 13, 28.257,

159.413

■ 3, 28.257, 159.413

■ 0, 28.257, 159.413

■ 83, 28.257,
159.413

■ 83, 28.257,
159.413

■ 82, 37.952,
158.279

■ 85, 18.298,
160.420

■ 80, 47.209,
156.995

■ 86, 8.219, 161.340

■ 80, 55.856,
155.534

■ 88, 1.852, 341.861

■ 90, 11.820,
342.780

■ 79, 63.732,
153.875

■ 91, 18.126,
333.799

■ 78, 70.719,

152.004

92, 21.794,
325.183

78, 76.766,
149.925

77, 81.936,
147.693

77, 82.836,
147.295

Harmonies

Complementary

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



83, 28.257, 159.413



72, 29.105, 344.449

Rectangle

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



83, 28.257, 159.413



83, 28.257, 209.413



83, 28.257, 339.413



83, 28.257, 29.413

Sweetspot

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



83, 28.259, 159.412



98, 9.074, 161.349



84, 34.094, 126.558



52, 6.451, 161.212



0, 0.000, 0.000



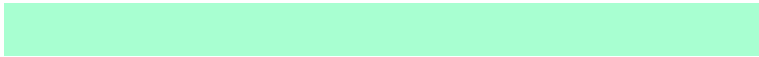
53, 0.007, 296.813

Same Dimension

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



83, 28.259, 159.412



94, 38.244, 158.735



84, 20.665, 194.938



45, 5.699, 161.225



62, 68.731, 147.693



15, 25.077, 152.445

Inverse Universe

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



72, 29.105, 344.449



79, 39.608, 345.109



71, 24.730, 19.143



43, 5.763, 342.671



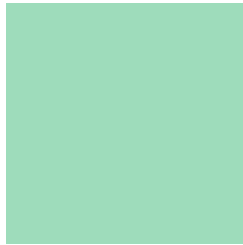
37, 63.935, 358.763



6, 25.423, 352.208

Previews

White Background



This preview shows how the CIELCh color 83, 28.257, 159.413 looks on a white background.

Color Contrast Check

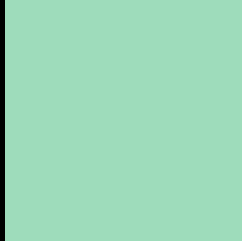
Large Text (above 18pt) WCAG AA × Fail

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 83, 28.257, 159.413 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

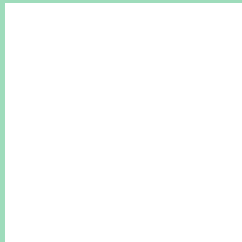
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 28.257, 159.413

Background



This preview shows how black text looks on a background with the CIELCh color 83, 28.257, 159.413.

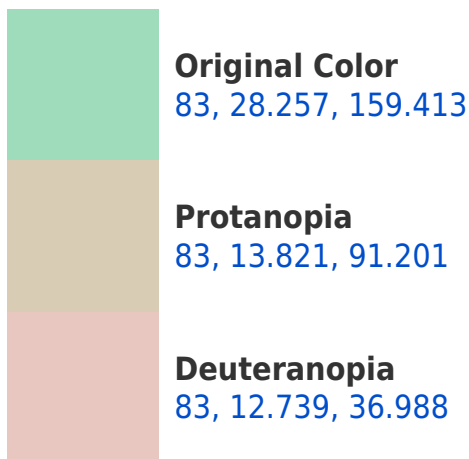


This preview shows how white text looks on a background with the CIELCh color 83, 28.257, 159.413.

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



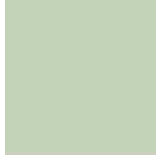


Tritanopia
83, 17.531, 229.535

Trichromacy



Original Color
83, 28.257, 159.413



Protanomaly
83, 15.945, 130.961



Deuteranomaly
83, 8.990, 114.155

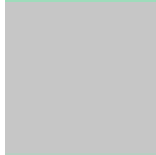


Tritanomaly
83, 17.583, 196.453

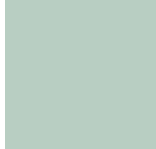
Monochromacy



Original Color
83, 28.257, 159.413



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, 28.257, 159.413 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(158, 220, 187)` looks like.

```
.text, #text, p{  
    color:rgb(158, 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(158, 220, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 220, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 28.257, 159.413 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(158, 220, 187) }
```

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

```
.border{ border-color:rgb(158, 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(158, 220, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 220, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 220, 187);  
box-shadow:4px 4px 4px 4px rgb(158, 220,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 28.257, 159.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 220, 187) }
```

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

```
.background{ background-color: rgb(158,  
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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