

Converting Colors

CIELCh(86, 32.879, 159.753)

Have a look what the booklet for
CIELCh(86, 32.879, 159.753)
contains.

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Color

CIELCh(86, 32.827, 159.925)

Conversions

Conversions Part 1	
Format	Color
Hex	9DE7C1
RGB	157, 231, 193
RGB Percent	62%, 91%, 76%
CMY	0.3853, 0.0951, 0.2441
CMYK	0.32, 0.00, 0.16, 0.10
HSL	149°, 60%, 76%
HSV	149°, 32%, 90%
XYZ	51.9557, 67.9871, 60.6895
YIQ	204.5420, -31.9060, -27.5060

Conversions

Conversions Part 2

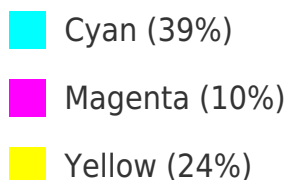
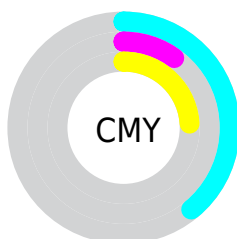
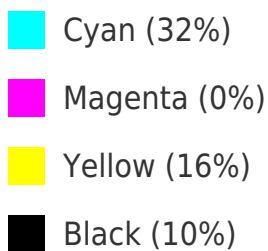
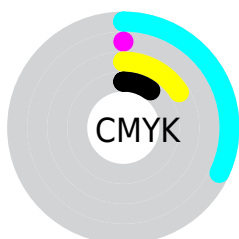
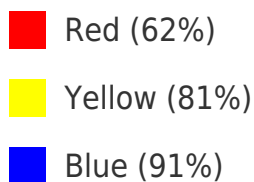
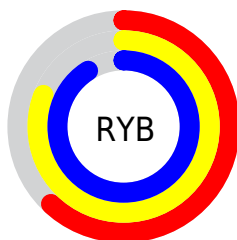
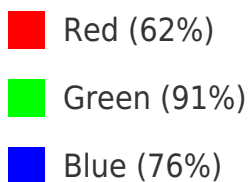
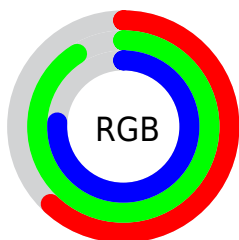
Format	Color
RYB	157, 207, 231
Decimal	10348481
CIELab	86.00, -30.83, 11.27
CIELCh	86, 32.827, 159.925
Yxy	67.9871, 0.2876, 0.3764
Android (android.graphics.Color)	4288538561 (0xFF9DE7C1)
YUV	204.5420, -5.6902, -41.6943
Hunter-Lab	82.4543, -31.8195, 14.0783

Details

The CIELCh color **86, 32.827, 159.925** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **73, 34.058, 345.927**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.600, 186.345**, and **66, 32.957, 159.621** is the 20% darker color. If you saturate the color by 10%, you get **85, 42.564, 158.722**, and if you desaturate by 10%, it is **88, 22.738, 160.991**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 32.827, 159.925 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 86, 32.827, 159.925 by changing the saturation by 10% instead.


 86, 32.827,
159.925


 86, 32.827,
159.925


 100, 32.827,
159.925


 76, 32.827,
159.925

 66, 32.827,
159.925

 56, 32.827,
159.925

 46, 32.827,
159.925

 36, 32.827,
159.925


 26, 32.827,
159.925


 16, 32.827,


159.925

 6, 32.827, 159.925

 0, 32.827, 159.925


 86, 32.827,
159.925


 86, 32.827,
159.925

 85, 42.564,
158.722


 88, 22.738,
160.991

 84, 51.768,
157.360

 89, 12.457,
161.953


 83, 60.264,
155.812

 91, 2.124, 162.977


 82, 67.906,
154.058


 93, 8.147, 343.482


 81, 74.601,

 94, 13.914,
328.555

152.089

 94, 15.154,
324.947

 81, 80.337,
149.917

 81, 84.327,
148.125

Harmonies

Complementary

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



86, 32.827, 159.925



73, 34.058, 345.927

Rectangle

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



86, 32.827, 159.925



86, 32.827, 209.925



86, 32.827, 339.925



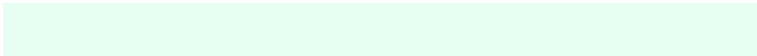
86, 32.827, 29.925

Sweetspot

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



86, 32.828, 159.924



98, 11.192, 162.138



88, 40.424, 126.966



52, 7.637, 162.008



0, 0.000, 0.000



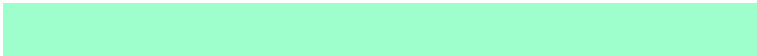
53, 0.007, 296.813

Same Dimension

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



86, 32.828, 159.924



93, 41.912, 159.204



87, 23.972, 196.261



47, 5.836, 162.193



64, 68.991, 148.540



18, 26.609, 152.759

Inverse Universe

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



73, 34.058, 345.927



76, 43.733, 346.648



72, 29.728, 20.931



45, 5.906, 343.672



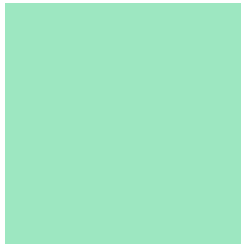
38, 65.019, 0.613



7, 27.749, 353.919

Previews

White Background



This preview shows how the CIE LCh color 86, 32.827, 159.925 looks on a white background.

Color Contrast Check

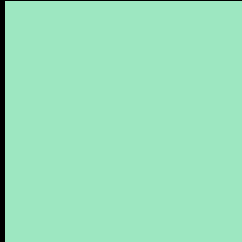
Large Text (above 18pt) WCAG AA × Fail

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 86, 32.827, 159.925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

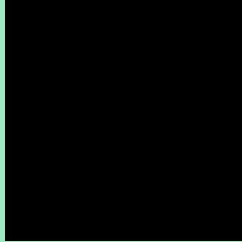
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

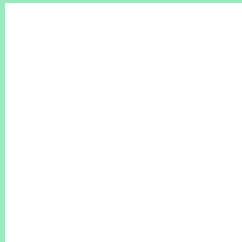
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 32.827, 159.925

Background



This preview shows how black text looks on a background with the CIELCh color 86, 32.827, 159.925.

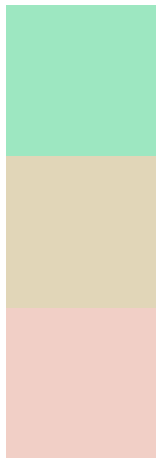


This preview shows how white text looks on a background with the CIELCh color 86, 32.827, 159.925.

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

86, 32.827, 159.925

Protanopia

86, 16.221, 93.756

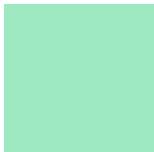
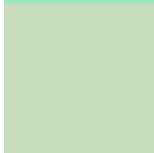
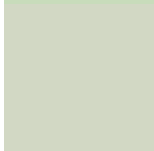

Deuteranopia

86, 13.747, 40.170

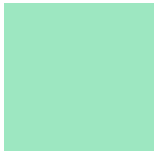




Tritanopia
86, 20.218, 226.384

Trichromacy

	Original Color 86, 32.827, 159.925
	Protanomaly 86, 18.823, 132.044
	Deuteranomaly 85, 10.709, 121.280
	Tritanomaly 86, 20.902, 195.097

Monochromacy

	Original Color 86, 32.827, 159.925
	Achromatopsia 82, 0.010, 296.813
	Achromatomaly 83, 12.297, 161.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 32.827, 159.925 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(157, 231, 193)` looks like.

```
.text, #text, p{  
    color:rgb(157, 231, 193)  
}
```

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(157, 231, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 231, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 32.827, 159.925 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(157, 231, 193) }
```

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

```
.border{ border-color:rgb(157, 231, 193) }
```

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

Here you see how a box with a 4 pixel rgb(157, 231, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 231, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 231, 193);  
box-shadow:4px 4px 4px 4px rgb(157, 231,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 32.827, 159.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 231, 193) }
```

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

```
.background{ background-color: rgb(157,  
231, 193) }
```

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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