

Converting Colors

CIELCh(84, 33.249, 159.657)

Have a look what the booklet for
CIELCh(84, 33.249, 159.657)
contains.

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Color

CIELCh(84, 32.966, 159.833)

Conversions

Conversions Part 1

Format	Color
Hex	97E1BB
RGB	151, 225, 187
RGB Percent	59%, 88%, 73%
CMY	0.4076, 0.1173, 0.2664
CMYK	0.33, 0.00, 0.17, 0.12
HSL	149°, 55%, 74%
HSV	149°, 33%, 88%
XYZ	48.6968, 64.0658, 56.8513
YIQ	198.5420, -31.9060, -27.5060

Conversions

Conversions Part 2

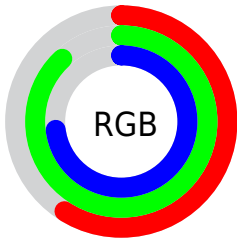
Format	Color
RYB	151, 201, 225
Decimal	9953723
CIELab	84.00, -30.94, 11.37
CIELCh	84, 32.966, 159.833
Yxy	64.0658, 0.2871, 0.3777
Android (android.graphics.Color)	4288143803 (0xFF97E1BB)
YUV	198.5420, -5.6902, -41.6943
Hunter-Lab	80.0411, -31.4730, 13.9165

Details

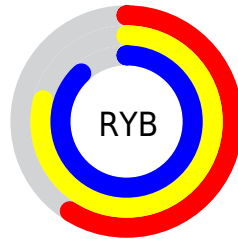
The CIELCh color **84, 32.966, 159.833** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **71, 34.228, 346.008**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.538, 177.763**, and **64, 32.727, 160.179** is the 20% darker color. If you saturate the color by 10%, you get **83, 42.476, 158.621**, and if you desaturate by 10%, it is **85, 23.099, 160.907**.

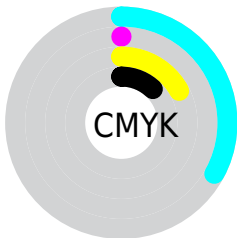
Distribution



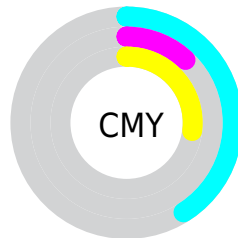
- Red (59%)
- Green (88%)
- Blue (73%)



- Red (59%)
- Yellow (79%)
- Blue (88%)



- Cyan (33%)
- Magenta (0%)
- Yellow (17%)
- Black (12%)





- Cyan (41%)
- Magenta (12%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 32.966, 159.833 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 84, 32.966, 159.833 by changing the saturation by 10% instead.


 84, 32.966,
159.833

 84, 32.966,
159.833


 100, 32.966,
159.833


 74, 32.966,
159.833

 64, 32.966,
159.833

 54, 32.966,
159.833

 44, 32.966,
159.833

 34, 32.966,
159.833

 24, 32.966,
159.833

 14, 32.966,

159.833

■ 4, 32.966, 159.833

■ 0, 32.966, 159.833

■ 84, 32.966,
159.833

■ 84, 32.966,
159.833

■ 83, 42.476,
158.621

■ 85, 23.099,
160.907

■ 82, 51.451,
157.248

■ 87, 13.031,
161.874

■ 81, 59.722,
155.688

■ 89, 2.904, 162.847

■ 80, 67.148,
153.921

■ 91, 7.171, 343.409

■ 92, 14.765,
336.713

■ 80, 73.643,

151.939

93, 18.716,
325.074

79, 79.203,
149.759

79, 82.708,
148.156

Harmonies

Complementary

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



84, 32.966, 159.833



71, 34.228, 346.008

Rectangle

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



84, 32.966, 159.833



84, 32.966, 209.833



84, 32.966, 339.833



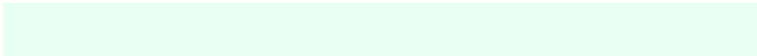
84, 32.966, 29.833

Sweetspot

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



84, 32.967, 159.832



98, 11.193, 162.133



85, 40.605, 126.929



52, 7.638, 162.003



0, 0.000, 0.000



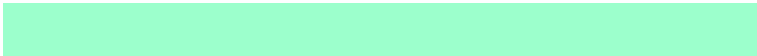
53, 0.007, 296.813

Same Dimension

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



84, 32.967, 159.832



93, 42.964, 159.076



85, 24.014, 196.223



46, 5.729, 162.190



63, 68.229, 148.562



17, 25.632, 153.039

Inverse Universe

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



71, 34.228, 346.008



76, 44.867, 346.767



70, 29.953, 21.035



44, 5.798, 343.665



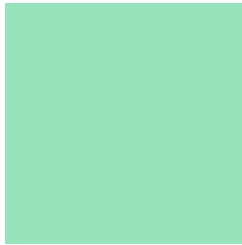
38, 64.338, 0.556



6, 26.572, 353.718

Previews

White Background



This preview shows how the CIELCh color 84, 32.966, 159.833 looks on a white background.

Color Contrast Check

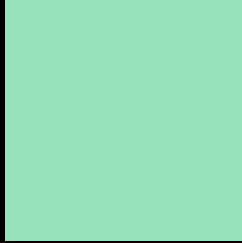
Large Text (above 18pt) WCAG AA × Fail

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 84, 32.966, 159.833 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 84, 32.966, 159.833

Background



This preview shows how black text looks on a background with the CIELCh color 84, 32.966, 159.833.

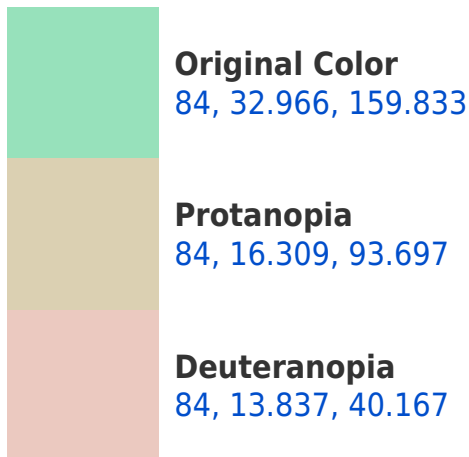



This preview shows how white text looks on a background with the CIELCh color 84, 32.966, 159.833.

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
84, 20.260, 226.462

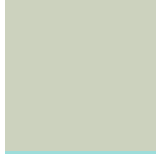
Trichromacy



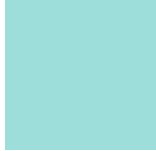
Original Color
84, 32.966, 159.833



Protanomaly
83, 18.922, 132.025



Deuteranomaly
83, 10.766, 121.265

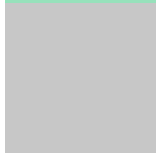


Tritanomaly
84, 21.336, 193.656

Monochromacy



Original Color
84, 32.966, 159.833



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 11.744, 162.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 32.966, 159.833 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(151, 225, 187)` looks like.

```
.text, #text, p{  
    color:rgb(151, 225, 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(151, 225, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 225, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 32.966, 159.833 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(151, 225, 187) }
```

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

```
.border{ border-color:rgb(151, 225, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 225, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 225, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 225, 187); box-shadow:4px 4px 4px 4px rgb(151, 225, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 32.966, 159.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 225, 187) }
```

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

```
.background{ background-color: rgb(151,  
225, 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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