

Converting Colors

CIELCh(84, 43.206, 161.517)

Have a look what the booklet for
CIELCh(84, 43.206, 161.517)
contains.

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Color

CIELCh(84, 43.133, 161.551)

Conversions

Conversions Part 1

Format	Color
Hex	7DE5B6
RGB	125, 229, 182
RGB Percent	49%, 90%, 71%
CMY	0.5081, 0.1002, 0.2847
CMYK	0.45, 0.00, 0.20, 0.10
HSL	153°, 67%, 70%
HSV	153°, 45%, 90%
XYZ	45.1458, 64.0658, 54.4660
YIQ	192.5460, -46.8970, -36.6650

Conversions

Conversions Part 2

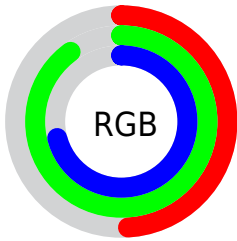
Format	Color
RYB	125, 192, 229
Decimal	8250806
CIELab	84.00, -40.92, 13.65
CIElCh	84, 43.133, 161.551
Yxy	64.0658, 0.2758, 0.3914
Android (android.graphics.Color)	4286440886 (0xFF7DE5B6)
YUV	192.5460, -5.1992, -59.2378
Hunter-Lab	80.0411, -39.3921, 15.6834

Details

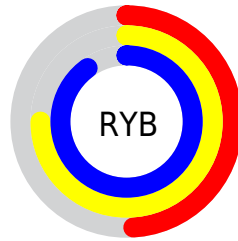
The CIELCh color **84, 43.133, 161.551** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65, 46.151, 351.351**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 25.928, 178.021**, and **64, 43.260, 161.494** is the 20% darker color. If you saturate the color by 10%, you get **83, 51.506, 160.120**, and if you desaturate by 10%, it is **85, 34.158, 162.818**.

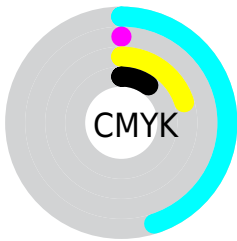
Distribution



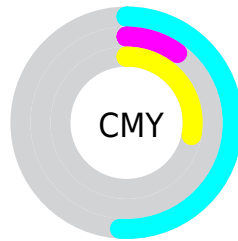
- Red (49%)
- Green (90%)
- Blue (71%)



- Red (49%)
- Yellow (75%)
- Blue (90%)



- Cyan (45%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)





- Cyan (51%)
- Magenta (10%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 43.133, 161.551 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, 43.133, 161.551 by changing the saturation by 10% instead.


 84, 43.133,
161.551


 84, 43.133,
161.551


 100, 43.133,
161.551


 74, 43.133,
161.551

 64, 43.133,
161.551

 54, 43.133,
161.551

 44, 43.133,
161.551

 34, 43.133,
161.551


 24, 43.133,
161.551


 14, 43.133,


161.551


 4, 43.133, 161.551


 0, 43.133, 161.551


 84, 43.133,
161.551


 84, 43.133,
161.551


 83, 51.506,
160.120


 85, 34.158,
162.818

 82, 59.119,
158.503

 87, 24.745,
163.950

 82, 65.854,
156.677

 88, 15.057,
164.974

 81, 71.660,
154.636

 90, 5.239, 165.948

 81, 76.573,

 92, 4.591, 346.591

152.394

93, 12.021,
339.587

81, 78.665,
151.333

94, 15.973,
324.977

Harmonies

Complementary

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



84, 43.133, 161.551



65, 46.151, 351.351

Rectangle

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



84, 43.133, 161.551



84, 43.133, 211.551



84, 43.133, 341.551



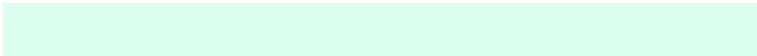
84, 43.133, 31.551

Sweetspot

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



84, 43.134, 161.550



97, 14.985, 165.096



85, 57.071, 128.115



51, 10.338, 164.883



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, 43.134, 161.550



91, 54.901, 160.274



84, 30.502, 200.856



47, 5.585, 165.542



64, 64.670, 151.745



18, 25.065, 155.963

Inverse Universe

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



65, 46.151, 351.351



68, 59.184, 352.851



65, 42.699, 26.457



45, 5.672, 347.093



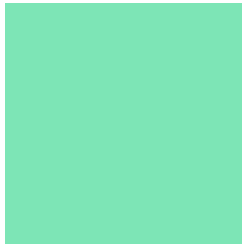
38, 64.598, 6.472



7, 27.207, 358.571

Previews

White Background



This preview shows how the CIE LCh color 84, 43.133, 161.551 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 84, 43.133, 161.551 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, 43.133, 161.551

Background



This preview shows how black text looks on a background with the CIELCh color 84, 43.133, 161.551.

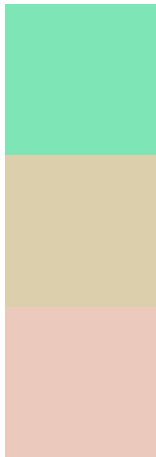


This preview shows how white text looks on a background with the CIELCh color 84, 43.133, 161.551.

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
84, 43.133, 161.551

Protanopia
84, 19.459, 94.594

Deuteranopia
84, 14.888, 45.202



Tritanopia
84, 26.377, 219.140

Trichromacy



Original Color
84, 43.133, 161.551



Protanomaly
83, 23.878, 136.433



Deuteranomaly
83, 13.854, 132.840

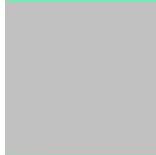


Tritanomaly
84, 28.859, 191.093

Monochromacy



Original Color
84, 43.133, 161.551



Achromatopsia
78, 0.009, 296.813



Achromatomaly
80, 16.522, 164.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 43.133, 161.551 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(125, 229, 182)` looks like.

```
.text, #text, p{  
    color:rgb(125, 229, 182)  
}
```

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(125, 229, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 229, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 43.133, 161.551 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(125, 229, 182) }
```

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

```
.border{ border-color:rgb(125, 229, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 229, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 229, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 229, 182);  
box-shadow:4px 4px 4px 4px rgb(125, 229,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 43.133, 161.551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 229, 182) }
```

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

```
.background{ background-color: rgb(125,  
229, 182) }
```

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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