

Converting Colors

CIELCh(87, 35.511, 145.351)

Have a look what the booklet for
CIELCh(87, 35.511, 145.351)
contains.

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Color

CIELCh(87, 35.103, 145.544)

Conversions

Conversions Part 1

Format	Color
Hex	ADE8B3
RGB	173, 232, 179
RGB Percent	68%, 91%, 70%
CMY	0.3207, 0.0893, 0.2972
CMYK	0.25, 0.00, 0.23, 0.09
HSL	126°, 56%, 79%
HSV	126°, 25%, 91%
XYZ	54.3549, 70.0064, 53.4046
YIQ	208.3170, -18.1510, -28.9910

Conversions

Conversions Part 2

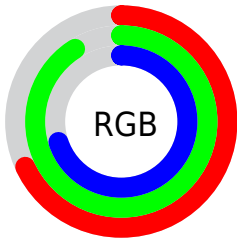
Format	Color
RYB	173, 227, 232
Decimal	11397299
CIELab	87.00, -28.94, 19.86
CIElCh	87, 35.103, 145.544
Yxy	70.0064, 0.3058, 0.3938
Android (android.graphics.Color)	4289587379 (0xFFADE8B3)
YUV	208.3170, -14.4533, -30.9730
Hunter-Lab	83.6698, -30.4623, 20.7254

Details

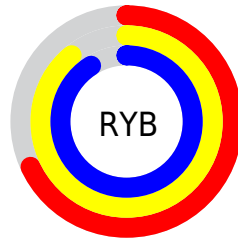
The CIELCh color $87, 35.103, 145.544$ is a light color, and the websafe version is hex `CCFFCC`. A complement of this color would be $78, 35.155, 328.804$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 13.786, 150.965$, and $67, 35.130, 145.600$ is the 20% darker color. If you saturate the color by 10%, you get $85, 48.759, 144.621$, and if you desaturate by 10%, it is $89, 21.251, 146.340$.

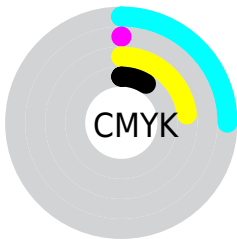
Distribution



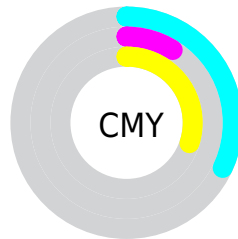
- Red (68%)
- Green (91%)
- Blue (70%)



- Red (68%)
- Yellow (89%)
- Blue (91%)



- Cyan (25%)
- Magenta (0%)
- Yellow (23%)
- Black (9%)



- Cyan (32%)
- Magenta (9%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 35.103, 145.544 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 87, 35.103, 145.544 by changing the saturation by 10% instead.

 87, 35.103,
145.544

 87, 35.103,
145.544


 100, 35.103,
145.544


 77, 35.103,
145.544

 67, 35.103,
145.544

 57, 35.103,
145.544

 47, 35.103,
145.544

 37, 35.103,
145.544


 27, 35.103,
145.544


 17, 35.103,


145.544


 7, 35.103, 145.544


 0, 35.103, 145.544

 87, 35.103,
145.544


 87, 35.103,
145.544

 85, 48.759,
144.621


 89, 21.251,
146.340


 84, 61.939,
143.557

 91, 7.413, 147.042

 83, 74.314,
142.353

 93, 6.246, 327.524

 82, 85.503,
141.033

 94, 14.225,
324.914

 81, 95.097,

139.656

■ 81, 102.682,
138.323

■ 81, 107.918,
137.169

■ 81, 109.549,
136.777

Harmonies

Complementary

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



87, 35.103, 145.544



78, 35.155, 328.804

Rectangle

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



87, 35.103, 145.544



87, 35.103, 195.544



87, 35.103, 325.544



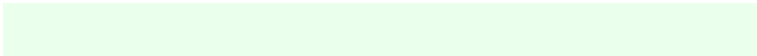
87, 35.103, 15.544

Sweetspot

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



87, 35.105, 145.544



98, 11.849, 146.861



90, 30.333, 112.024



52, 8.430, 146.757



0, 0.000, 0.000



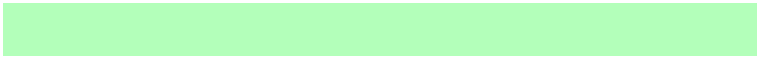
53, 0.007, 296.813

Same Dimension

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



87, 35.105, 145.544



94, 44.672, 145.123



88, 24.098, 166.983



48, 7.872, 146.763



64, 90.556, 136.945



18, 36.311, 140.099

Inverse Universe

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



78, 35.155, 328.804



82, 44.714, 329.087



77, 25.342, 351.966



46, 7.888, 327.847



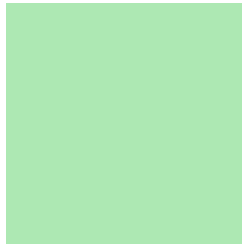
42, 82.526, 332.735



9, 35.752, 332.013

Previews

White Background



This preview shows how the CIELCh color 87, 35.103, 145.544 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 87, 35.103, 145.544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

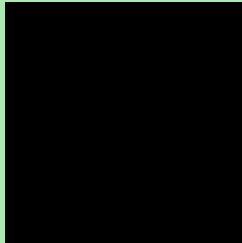
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

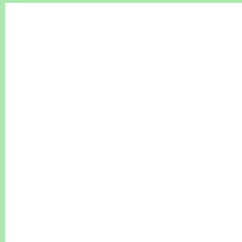
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 35.103, 145.544

Background



This preview shows how black text looks on a background with the CIELCh color 87, 35.103, 145.544.

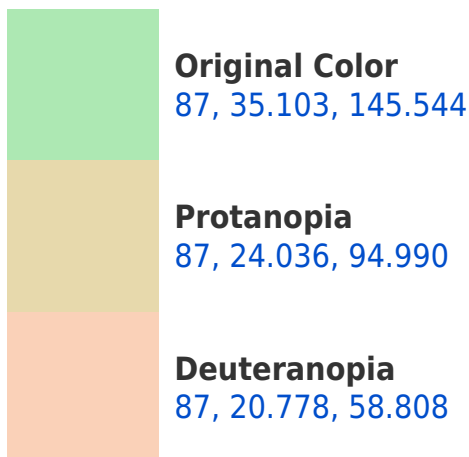


This preview shows how white text looks on a background with the CIELCh color 87, 35.103, 145.544.

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



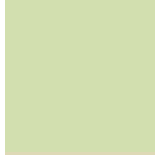


Tritanopia
87, 15.920, 235.187

Trichromacy



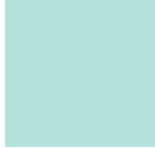
Original Color
87, 35.103, 145.544



Protanomaly
87, 25.380, 119.394



Deuteranomaly
86, 18.323, 102.614

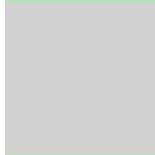


Tritanomaly
87, 16.762, 183.747

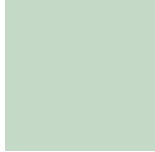
Monochromacy



Original Color
87, 35.103, 145.544



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 12.646, 146.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 35.103, 145.544 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(173, 232, 179)` looks like.

```
.text, #text, p{  
    color:rgb(173, 232, 179)  
}
```

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(173, 232, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 232, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 35.103, 145.544 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(173, 232, 179) }
```

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

```
.border{ border-color:rgb(173, 232, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 232, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 232, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 232, 179);  
box-shadow:4px 4px 4px 4px rgb(173, 232,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 35.103, 145.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 232, 179) }
```

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

```
.background{ background-color: rgb(173,  
232, 179) }
```

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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