

Converting Colors

CIELCh(89, 43.859, 145.898)

Have a look what the booklet for
CIELCh(89, 43.859, 145.898)
contains.

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Color

CIELCh(89, 43.892, 145.886)

Conversions

Conversions Part 1

Format	Color
Hex	A5F1AF
RGB	165, 241, 175
RGB Percent	65%, 95%, 69%
CMY	0.3521, 0.0540, 0.3129
CMYK	0.32, 0.00, 0.27, 0.05
HSL	128°, 73%, 80%
HSV	128°, 32%, 95%
XYZ	54.8380, 74.1641, 52.0871
YIQ	210.7520, -24.1100, -36.6380

Conversions

Conversions Part 2

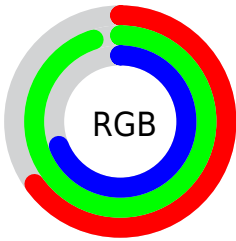
Format	Color
R_{YB}	165, 232, 241
Decimal	10875311
CIE _{Lab}	89.00, -36.34, 24.62
CIE _{LCh}	89, 43.892, 145.886
Yxy	74.1641, 0.3028, 0.4095
Android (android.graphics.Color)	4289065391 (0xFFA5F1AF)
YUV	210.7520, -17.6257, -40.1245
Hunter-Lab	86.1186, -37.0435, 24.4226

Details

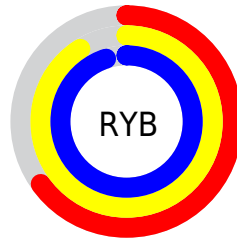
The CIELCh color **89, 43.892, 145.886** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **77, 43.960, 330.151**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.989, 152.308**, and **69, 43.760, 146.021** is the 20% darker color. If you saturate the color by 10%, you get **88, 57.430, 144.861**, and if you desaturate by 10%, it is **91, 29.999, 146.771**.

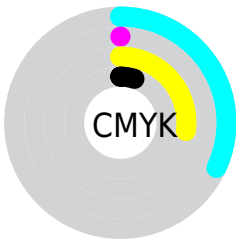
Distribution



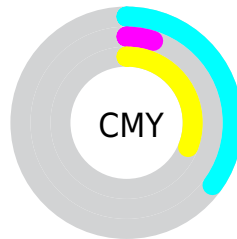
- Red (65%)
- Green (95%)
- Blue (69%)



- Red (65%)
- Yellow (91%)
- Blue (95%)



- Cyan (32%)
- Magenta (0%)
- Yellow (27%)
- Black (5%)



- Cyan (35%)
- Magenta (5%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 43.892, 145.886 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 89, 43.892, 145.886 by changing the saturation by 10% instead.


 89, 43.892,
145.886

 89, 43.892,
145.886

 100, 43.892,
145.886


 79, 43.892,
145.886

 69, 43.892,
145.886

 59, 43.892,
145.886

 49, 43.892,
145.886

 39, 43.892,
145.886

 29, 43.892,
145.886

 19, 43.892,


145.886


 9, 43.892, 145.886


 0, 43.892, 145.886


 89, 43.892,
145.886


 89, 43.892,
145.886

 88, 57.430,
144.861

 91, 29.999,
146.771


 86, 70.306,
143.687


 93, 15.996,
147.535

 85, 82.174,
142.371


 95, 2.077, 148.320


 97, 8.586, 324.704

 85, 92.657,
140.946

 84, 101.374,

139.483

 84, 107.975,
138.097

 84, 111.799,
137.125

Harmonies

Complementary

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



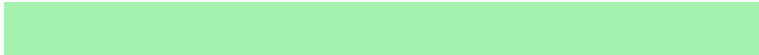
89, 43.892, 145.886



77, 43.960, 330.151

Rectangle

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



89, 43.892, 145.886



89, 43.892, 195.886



89, 43.892, 325.886



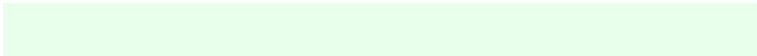
89, 43.892, 15.886

Sweetspot

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



89, 43.894, 145.886



98, 13.062, 147.711



93, 38.675, 112.246



52, 9.085, 147.608



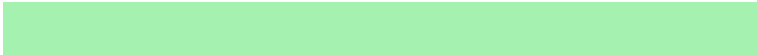
0, 0.000, 0.000



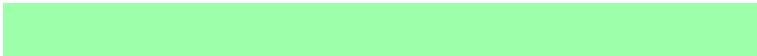
53, 0.007, 296.813

Same Dimension

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



89, 43.894, 145.886



92, 55.160, 145.226



90, 30.207, 167.311



49, 7.845, 147.679



65, 90.640, 137.337



19, 37.104, 140.251

Inverse Universe

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



77, 43.960, 330.151



77, 55.165, 330.561



76, 32.314, 353.827



47, 7.863, 328.785



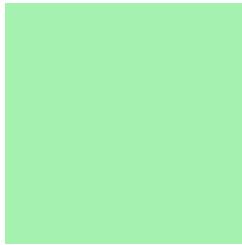
42, 81.464, 334.265



10, 36.071, 333.320

Previews

White Background



This preview shows how the CIELCh color 89, 43.892, 145.886 looks on a white background.

Color Contrast Check

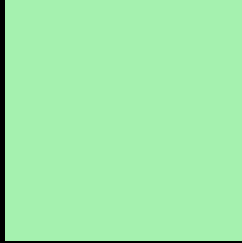
Large Text (above 18pt) WCAG AA × Fail

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 89, 43.892, 145.886 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 89, 43.892, 145.886

Background



This preview shows how black text looks on a background with the CIELCh color 89, 43.892, 145.886.



This preview shows how white text looks on a background with the CIELCh color 89, 43.892, 145.886.

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



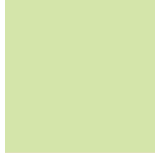


Tritanopia
89, 19.106, 229.899

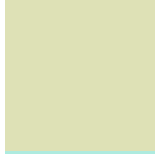
Trichromacy



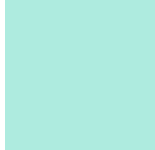
Original Color
89, 43.892, 145.886



Protanomaly
88, 31.072, 119.827



Deuteranomaly
88, 22.266, 111.277

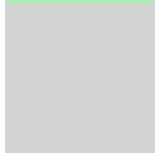


Tritanomaly
89, 21.666, 181.117

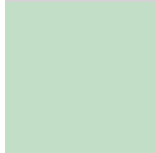
Monochromacy



Original Color
89, 43.892, 145.886



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 16.262, 147.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 43.892, 145.886 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(165, 241, 175)` looks like.

```
.text, #text, p{  
    color:rgb(165, 241, 175)  
}
```

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(165, 241, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 241, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 43.892, 145.886 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(165, 241, 175) }
```

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

```
.border{ border-color:rgb(165, 241, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 241, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 241, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 241, 175);  
box-shadow:4px 4px 4px 4px rgb(165, 241,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 43.892, 145.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 241, 175) }
```

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

```
.background{ background-color: rgb(165,  
241, 175) }
```

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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