

Converting Colors

CIELCh(89, 45.147, 140.193)

Have a look what the booklet for
CIELCh(89, 45.147, 140.193)
contains.

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Color

CIELCh(89, 45.036, 140.309)

Conversions

Conversions Part 1

Format	Color
Hex	ADF0A7
RGB	173, 240, 167
RGB Percent	68%, 94%, 65%
CMY	0.3207, 0.0579, 0.3442
CMYK	0.28, 0.00, 0.30, 0.06
HSL	115°, 71%, 80%
HSV	115°, 30%, 94%
XYZ	55.5063, 74.1641, 48.0544
YIQ	211.6450, -16.4990, -36.9070

Conversions

Conversions Part 2

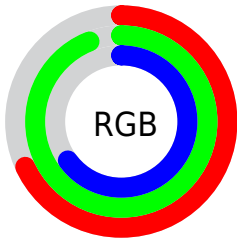
Format	Color
RYB	167, 240, 234
Decimal	11399335
CIELab	89.00, -34.66, 28.76
CIELCh	89, 45.036, 140.309
Yxy	74.1641, 0.3123, 0.4173
Android (android.graphics.Color)	4289589415 (0xFFADF0A7)
YUV	211.6450, -22.0100, -33.8917
Hunter-Lab	86.1186, -35.6584, 27.1990

Details

The CIELCh color **89, 45.036, 140.309** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77, 45.254, 323.711**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 18.653, 137.672**, and **69, 45.383, 140.002** is the 20% darker color. If you saturate the color by 10%, you get **88, 59.500, 139.491**, and if you desaturate by 10%, it is **91, 30.232, 141.036**.

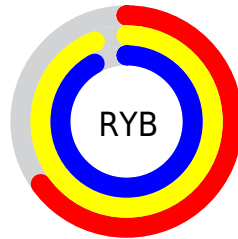
Distribution



Red (68%)

Green (94%)

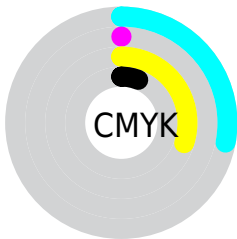
Blue (65%)



Red (65%)

Yellow (94%)

Blue (92%)

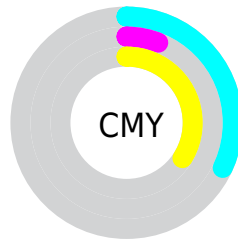


Cyan (28%)

Magenta (0%)

Yellow (30%)

Black (6%)



Cyan (32%)


Magenta (6%)

Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 45.036, 140.309 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, 45.036, 140.309 by changing the saturation by 10% instead.


 89, 45.036,
140.309


 89, 45.036,
140.309


 100, 45.036,
140.309


 79, 45.036,
140.309

 69, 45.036,
140.309

 59, 45.036,
140.309

 49, 45.036,
140.309

 39, 45.036,
140.309


 29, 45.036,
140.309


 19, 45.036,


140.309


 9, 45.036, 140.309


 0, 45.036, 140.309


 89, 45.036,
140.309


 89, 45.036,
140.309

 88, 59.500,
139.491

 91, 30.232,
141.036


 86, 73.272,
138.597


 93, 15.345,
141.672

 85, 85.908,
137.676


 95, 0.567, 142.675


 96, 9.203, 324.728

 84, 96.849,
136.815

 84, 105.464,

136.141

 83, 111.197,
135.789

 83, 114.048,
135.735

Harmonies

Complementary

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



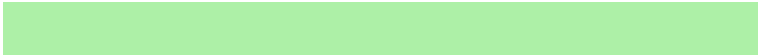
89, 45.036, 140.309



77, 45.254, 323.711

Rectangle

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



89, 45.036, 140.309



89, 45.036, 190.309



89, 45.036, 320.309



89, 45.036, 10.309

Sweetspot

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



89, 45.038, 140.309



98, 13.933, 141.753



92, 34.246, 103.397



52, 9.691, 141.667



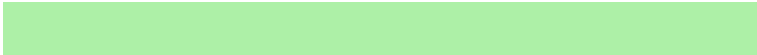
0, 0.000, 0.000



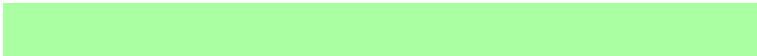
53, 0.007, 296.813

Same Dimension

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



89, 45.038, 140.309



93, 55.840, 139.852



89, 34.021, 156.719



49, 8.369, 141.727



65, 93.125, 135.655



20, 38.981, 136.510

Inverse Universe

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



77, 45.254, 323.711



78, 56.114, 323.980



77, 34.839, 341.998



47, 8.394, 322.664



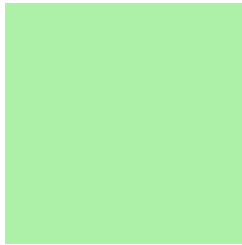
41, 90.758, 325.032



9, 39.582, 325.469

Previews

White Background



This preview shows how the CIELCh color 89, 45.036, 140.309 looks on a white background.

Color Contrast Check

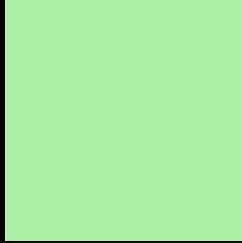
Large Text (above 18pt) WCAG AA × Fail

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, 45.036, 140.309 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, 45.036, 140.309

Background



This preview shows how black text looks on a background with the CIELCh color 89, 45.036, 140.309.

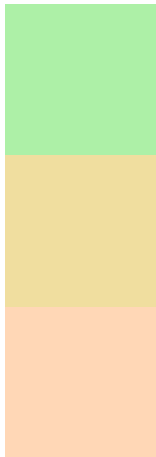


This preview shows how white text looks on a background with the CIELCh color 89, 45.036, 140.309.

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
89, 45.036, 140.309

Protanopia
89, 33.306, 94.965

Deuteranopia
89, 23.393, 66.716

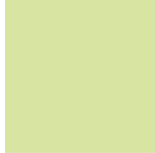


Tritanopia
89, 16.618, 233.202

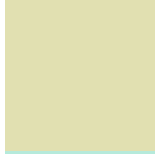
Trichromacy



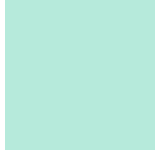
Original Color
89, 45.036, 140.309



Protanomaly
89, 34.746, 115.730



Deuteranomaly
88, 24.297, 107.233

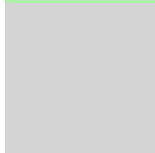


Tritanomaly
89, 19.681, 174.642

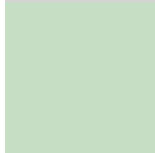
Monochromacy



Original Color
89, 45.036, 140.309



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 16.258, 141.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 45.036, 140.309 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, 240, 167)` looks like.

```
.text, #text, p{  
    color:rgb(173, 240, 167)  
}
```

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, 240, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 240, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 45.036, 140.309 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, 240, 167) }
```

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

```
.border{ border-color:rgb(173, 240, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 240, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 240, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 240, 167); box-shadow:4px 4px 4px 4px rgb(173, 240, 167) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 45.036, 140.309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 240, 167) }
```

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

```
.background{ background-color: rgb(173,  
240, 167) }
```

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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