

Converting Colors

CIELCh(89, 43.039, 146.548)

Have a look what the booklet for
CIELCh(89, 43.039, 146.548)
contains.

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Color

CIELCh(89, 43.069, 146.705)

Conversions

Conversions Part 1

Format	Color
Hex	A5F1B1
RGB	165, 241, 177
RGB Percent	65%, 95%, 69%
CMY	0.3525, 0.0545, 0.3055
CMYK	0.32, 0.00, 0.27, 0.05
HSL	129°, 73%, 80%
HSV	129°, 32%, 95%
XYZ	54.9724, 74.1641, 53.0660
YIQ	210.9800, -24.7520, -36.0160

Conversions

Conversions Part 2

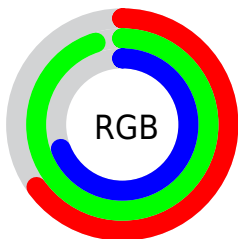
Format	Color
RYB	165, 231, 241
Decimal	10875313
CIELab	89.00, -36.00, 23.64
CIELCh	89, 43.069, 146.705
Yxy	74.1641, 0.3017, 0.4070
Android (android.graphics.Color)	4289065393 (0xFFA5F1B1)
YUV	210.9800, -16.7521, -40.3245
Hunter-Lab	86.1186, -36.7650, 23.7487

Details

The CIELCh color **89, 43.069, 146.705** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **77, 43.174, 331.054**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.240, 154.722**, and **69, 42.690, 146.586** is the 20% darker color. If you saturate the color by 10%, you get **88, 56.352, 145.668**, and if you desaturate by 10%, it is **91, 29.443, 147.600**.

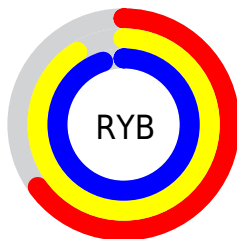
Distribution



Red (65%)

Green (95%)

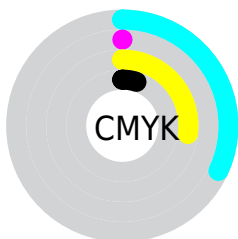
Blue (69%)



Red (65%)

Yellow (91%)

Blue (95%)

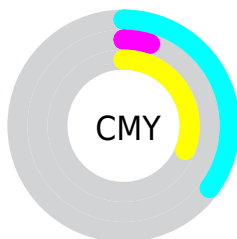


Cyan (32%)

Magenta (0%)

Yellow (27%)

Black (5%)



Cyan (35%)


Magenta (5%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 43.069, 146.705 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, 43.069, 146.705 by changing the saturation by 10% instead.


 89, 43.069,
146.705


 89, 43.069,
146.705


 100, 43.069,
146.705


 79, 43.069,
146.705

 69, 43.069,
146.705

 59, 43.069,
146.705

 49, 43.069,
146.705

 39, 43.069,
146.705


 29, 43.069,
146.705


 19, 43.069,

146.705


 9, 43.069, 146.705

 0, 43.069, 146.705


 89, 43.069,
146.705


 89, 43.069,
146.705

 88, 56.352,
145.668

 91, 29.443,
147.600


 86, 69.000,
144.477

 93, 15.709,
148.374

 85, 80.688,
143.134


 95, 2.055, 149.174


 97, 8.654, 324.707

 85, 91.071,
141.663

 84, 99.808,

140.125

 84, 106.590,
138.623

 84, 110.704,
137.519

Harmonies

Complementary

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



89, 43.069, 146.705



77, 43.174, 331.054

Rectangle

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



89, 43.069, 146.705



89, 43.069, 196.705



89, 43.069, 326.705



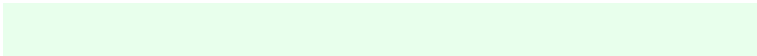
89, 43.069, 16.705

Sweetspot

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



89, 43.071, 146.705



98, 12.818, 148.554



93, 38.786, 113.686



52, 8.916, 148.449



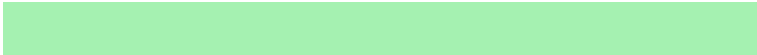
0, 0.000, 0.000



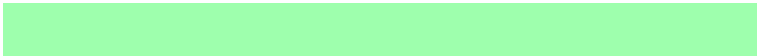
53, 0.007, 296.813

Same Dimension

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



89, 43.071, 146.705



93, 54.126, 146.039



90, 29.452, 169.428



49, 7.699, 148.522



65, 89.724, 137.760



19, 36.598, 140.786

Inverse Universe

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



77, 43.174, 331.054



77, 54.184, 331.481



76, 31.827, 356.056



47, 7.719, 329.646



42, 79.827, 335.694



9, 35.441, 334.499

Previews

White Background



This preview shows how the CIELCh color 89, 43.069, 146.705 looks on a white background.

Color Contrast Check

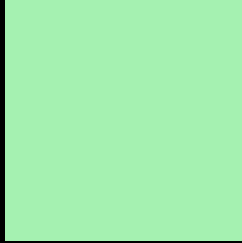
Large Text (above 18pt) WCAG AA × Fail

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, 43.069, 146.705 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, 43.069, 146.705

Background



This preview shows how black text looks on a background with the CIELCh color 89, 43.069, 146.705.

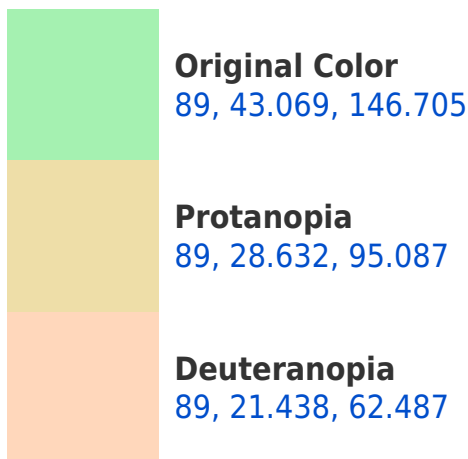


This preview shows how white text looks on a background with the CIELCh color 89, 43.069, 146.705.

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



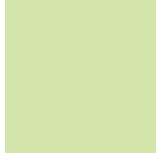


Tritanopia
89, 19.140, 227.969

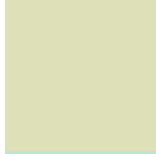
Trichromacy



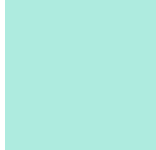
Original Color
89, 43.069, 146.705



Protanomaly
88, 30.667, 120.739

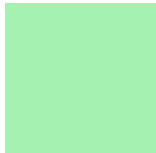


Deuteranomaly
88, 21.238, 110.464

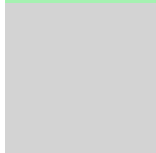


Tritanomaly
89, 21.666, 181.117

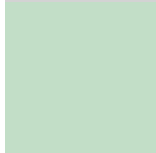
Monochromacy



Original Color
89, 43.069, 146.705



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 15.850, 148.981

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 43.069, 146.705 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(165, 241, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 241, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 43.069, 146.705 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, 177) }
```

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

```
.border{ border-color:rgb(165, 241, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 241, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 241, 177);  
box-shadow:4px 4px 4px 4px rgb(165, 241,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 43.069, 146.705 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, 177) }
```

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

```
.background{ background-color: rgb(165,  
241, 177) }
```

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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