

Converting Colors

CIELCh(89, 41.213, 149.011)

Have a look what the booklet for
CIELCh(89, 41.213, 149.011)
contains.

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Color

CIELCh(89, 41.257, 149.196)

Conversions

Conversions Part 1

Format	Color
Hex	A4F1B6
RGB	164, 241, 182
RGB Percent	64%, 95%, 71%
CMY	0.3569, 0.0550, 0.2863
CMYK	0.32, 0.00, 0.24, 0.05
HSL	134°, 73%, 79%
HSV	134°, 32%, 95%
XYZ	55.1955, 74.1641, 55.6506
YIQ	211.2510, -26.9530, -34.6730

Conversions

Conversions Part 2

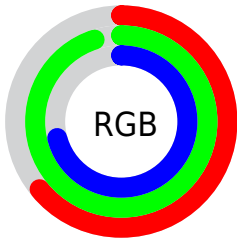
Format	Color
RYB	164, 226, 241
Decimal	10809782
CIELab	89.00, -35.44, 21.13
CIElCh	89, 41.257, 149.196
Yxy	74.1641, 0.2983, 0.4009
Android (android.graphics.Color)	4288999862 (0xFFA4F1B6)
YUV	211.2510, -14.4207, -41.4391
Hunter-Lab	86.1186, -36.3025, 21.9693

Details

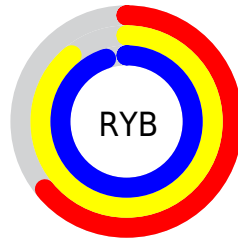
The CIELCh color **89, 41.257, 149.196** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **76, 41.509, 333.897**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.779, 162.535**, and **69, 41.394, 149.043** is the 20% darker color. If you saturate the color by 10%, you get **88, 53.787, 148.116**, and if you desaturate by 10%, it is **91, 28.397, 150.130**.

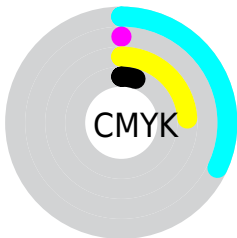
Distribution



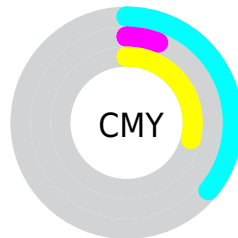
- Red (64%)
- Green (95%)
- Blue (71%)



- Red (64%)
- Yellow (89%)
- Blue (95%)



- Cyan (32%)
- Magenta (0%)
- Yellow (24%)
- Black (5%)





- Cyan (36%)
- Magenta (6%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 41.257, 149.196 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, 41.257, 149.196 by changing the saturation by 10% instead.


 89, 41.257,
149.196


 89, 41.257,
149.196


 100, 41.257,
149.196


 79, 41.257,
149.196

 69, 41.257,
149.196

 59, 41.257,
149.196

 49, 41.257,
149.196

 39, 41.257,
149.196


 29, 41.257,
149.196


 19, 41.257,


149.196


 9, 41.257, 149.196


 0, 41.257, 149.196


 89, 41.257,
149.196


 89, 41.257,
149.196

 88, 53.787,
148.116


 91, 28.397,
150.130

 86, 65.729,
146.873

 93, 15.418,
150.943

 85, 76.809,
145.455


 95, 2.496, 151.759


 85, 86.754,
143.871

 97, 8.736, 324.710

 84, 95.317,

142.154

 84, 102.303,
140.380

 84, 106.753,
139.028

Harmonies

Complementary

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



89, 41.257, 149.196



76, 41.509, 333.897

Rectangle

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



89, 41.257, 149.196



89, 41.257, 199.196



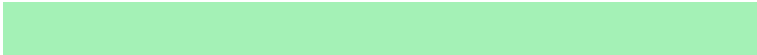
89, 41.257, 329.196



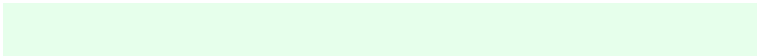
89, 41.257, 19.196

Sweetspot

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



89, 41.259, 149.196



98, 13.490, 151.088



92, 39.678, 117.192



52, 9.210, 150.982



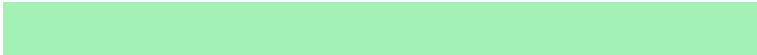
0, 0.000, 0.000



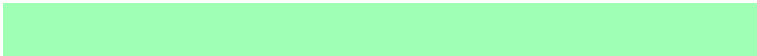
53, 0.007, 296.813

Same Dimension

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



89, 41.259, 149.196



93, 51.178, 148.549



90, 28.072, 175.141



49, 7.287, 151.130



65, 86.419, 139.340



20, 35.070, 142.528

Inverse Universe

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



76, 41.509, 333.897



77, 51.454, 334.354



75, 31.274, 1.983



47, 7.314, 332.318



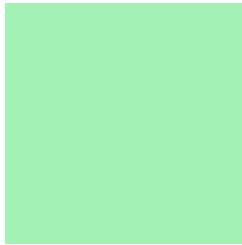
41, 75.447, 340.277



9, 33.724, 338.230

Previews

White Background



This preview shows how the CIE LCh color 89, 41.257, 149.196 looks on a white background.

Color Contrast Check

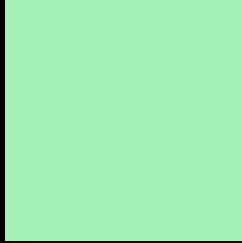
Large Text (above 18pt) WCAG AA × Fail

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, 41.257, 149.196 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, 41.257, 149.196

Background



This preview shows how black text looks on a background with the CIELCh color 89, 41.257, 149.196.

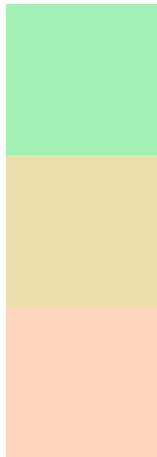


This preview shows how white text looks on a background with the CIELCh color 89, 41.257, 149.196.

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, 41.257, 149.196

Protanopia
89, 26.035, 95.000

Deuteranopia
88, 20.665, 58.852

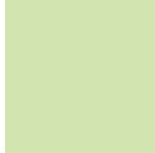


Tritanopia
89, 19.650, 227.104

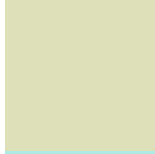
Trichromacy



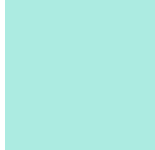
Original Color
89, 41.257, 149.196



Protanomaly
88, 28.297, 122.748



Deuteranomaly
88, 19.696, 110.746

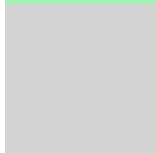


Tritanomaly
89, 21.879, 184.103

Monochromacy



Original Color
89, 41.257, 149.196



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 15.444, 150.203

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 41.257, 149.196 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(164, 241, 182)` looks like.

```
.text, #text, p{  
    color:rgb(164, 241, 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(164, 241, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 241, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 41.257, 149.196 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(164, 241, 182) }
```

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

```
.border{ border-color:rgb(164, 241, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 241, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 241, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 241, 182);  
box-shadow:4px 4px 4px 4px rgb(164, 241,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 41.257, 149.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 241, 182) }
```

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

```
.background{ background-color: rgb(164,  
241, 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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