

Converting Colors

CIELCh(89, 33.802, 155.109)

Have a look what the booklet for
CIELCh(89, 33.802, 155.109)
contains.

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Color

CIELCh(89, 33.846, 154.825)

Conversions

Conversions Part 1

Format	Color
Hex	A9EFC3
RGB	169, 239, 195
RGB Percent	66%, 94%, 76%
CMY	0.3370, 0.0624, 0.2350
CMYK	0.29, 0.00, 0.18, 0.06
HSL	142°, 69%, 80%
HSV	142°, 29%, 94%
XYZ	57.1251, 74.1641, 62.9773
YIQ	213.0540, -27.5960, -28.5240

Conversions

Conversions Part 2

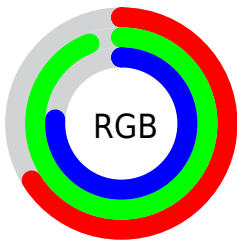
Format	Color
RYB	169, 220, 239
Decimal	11136963
CIELab	89.00, -30.63, 14.40
CIELCh	89, 33.846, 154.825
Yxy	74.1641, 0.2941, 0.3818
Android (android.graphics.Color)	4289327043 (0xFFA9EFC3)
YUV	213.0540, -8.9006, -38.6354
Hunter-Lab	86.1186, -32.3030, 16.9251

Details

The CIELCh color **89, 33.846, 154.825** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77, 34.444, 339.654**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.044, 190.040**, and **69, 34.105, 154.506** is the 20% darker color. If you saturate the color by 10%, you get **88, 45.078, 153.716**, and if you desaturate by 10%, it is **91, 22.339, 155.796**.

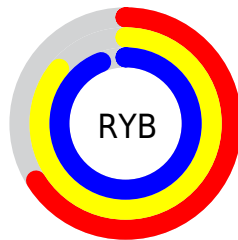
Distribution



Red (66%)

Green (94%)

Blue (76%)



Red (66%)

Yellow (86%)

Blue (94%)

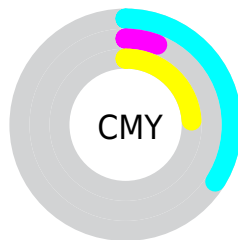


Cyan (29%)

Magenta (0%)

Yellow (18%)

Black (6%)



Cyan (34%)


Magenta (6%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 33.846, 154.825 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, 33.846, 154.825 by changing the saturation by 10% instead.


 89, 33.846,
154.825


 89, 33.846,
154.825


 100, 33.846,
154.825


 79, 33.846,
154.825

 69, 33.846,
154.825

 59, 33.846,
154.825

 49, 33.846,
154.825

 39, 33.846,
154.825


 29, 33.846,
154.825


 19, 33.846,


154.825


 9, 33.846, 154.825

 0, 33.846, 154.825

 89, 33.846,
154.825


 89, 33.846,
154.825

 88, 45.078,
153.716

 91, 22.339,
155.796


 86, 55.829,
152.446

 93, 10.730,
156.664

 85, 65.887,
150.992

 95, 0.835, 336.880


 96, 9.926, 324.756


 84, 75.052,
149.337

 84, 83.167,

147.481

 83, 90.144,
145.446

 83, 96.029,
143.324

 83, 96.426,
143.180

Harmonies

Complementary

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



89, 33.846, 154.825



77, 34.444, 339.654

Rectangle

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



89, 33.846, 154.825



89, 33.846, 204.825



89, 33.846, 334.825



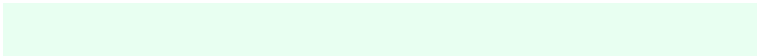
89, 33.846, 24.825

Sweetspot

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



89, 33.848, 154.824



98, 10.962, 156.685



91, 37.041, 122.727



52, 7.622, 156.562



0, 0.000, 0.000



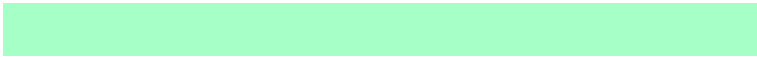
53, 0.007, 296.813

Same Dimension

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



89, 33.848, 154.824



93, 42.475, 154.195



90, 23.766, 185.999



49, 6.583, 156.647



65, 78.429, 143.565



20, 31.648, 147.175

Inverse Universe

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



77, 34.444, 339.654



78, 43.317, 340.198



76, 27.576, 11.597



47, 6.631, 337.987



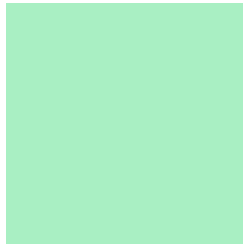
40, 69.224, 350.465



9, 31.103, 346.361

Previews

White Background



This preview shows how the CIELCh color 89, 33.846, 154.825 looks on a white background.

Color Contrast Check

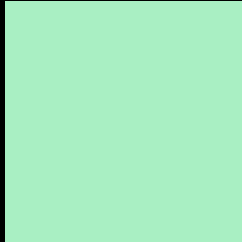
Large Text (above 18pt) WCAG AA × Fail

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, 33.846, 154.825 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

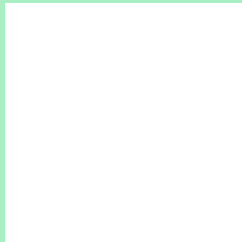
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 33.846, 154.825

Background



This preview shows how black text looks on a background with the CIELCh color 89, 33.846, 154.825.

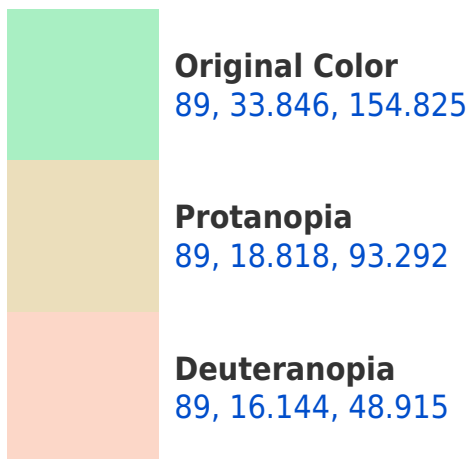


This preview shows how white text looks on a background with the CIELCh color 89, 33.846, 154.825.

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



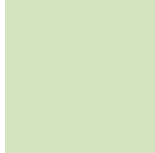


Tritanopia
89, 18.856, 230.377

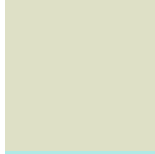
Trichromacy



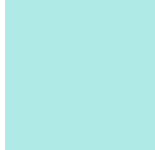
Original Color
89, 33.846, 154.825



Protanomaly
88, 20.707, 126.423



Deuteranomaly
88, 13.509, 112.220

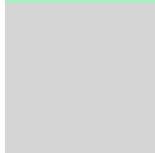


Tritanomaly
89, 19.524, 191.954

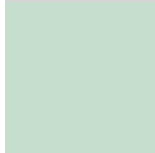
Monochromacy



Original Color
89, 33.846, 154.825



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 12.373, 156.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 33.846, 154.825 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(169, 239, 195)` looks like.

```
.text, #text, p{  
    color:rgb(169, 239, 195)  
}
```

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(169, 239, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 239, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 33.846, 154.825 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(169, 239, 195) }
```

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

```
.border{ border-color:rgb(169, 239, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 239, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 239, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 239, 195);  
box-shadow:4px 4px 4px 4px rgb(169, 239,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 33.846, 154.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 239, 195) }
```

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

```
.background{ background-color: rgb(169,  
239, 195) }
```

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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