

Converting Colors

CIELCh(89, 38.841, 165.719)

Have a look what the booklet for
CIELCh(89, 38.841, 165.719)
contains.

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Color

CIElCh(89, 39.017, 165.529)

Conversions

Conversions Part 1

Format	Color
Hex	90F3CC
RGB	144, 243, 204
RGB Percent	56%, 95%, 80%
CMY	0.4365, 0.0483, 0.2012
CMYK	0.41, 0.00, 0.16, 0.05
HSL	156°, 80%, 76%
HSV	156°, 41%, 95%
XYZ	54.2709, 74.1641, 68.3950
YIQ	208.9530, -46.4850, -33.1170

Conversions

Conversions Part 2

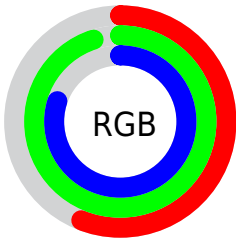
Format	Color
RYB	144, 206, 243
Decimal	9499596
CIELab	89.00, -37.78, 9.75
CIELCh	89, 39.017, 165.529
Yxy	74.1641, 0.2757, 0.3768
Android (android.graphics.Color)	4287689676 (0xFF90F3CC)
YUV	208.9530, -2.4418, -56.9638
Hunter-Lab	86.1186, -38.2191, 13.1952

Details

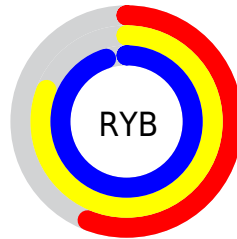
The CIELCh color **89, 39.017, 165.529** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **71, 42.388, 354.474**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 17.795, 198.327**, and **69, 38.905, 165.842** is the 20% darker color. If you saturate the color by 10%, you get **88, 47.518, 164.169**, and if you desaturate by 10%, it is **90, 29.931, 166.745**.

Distribution



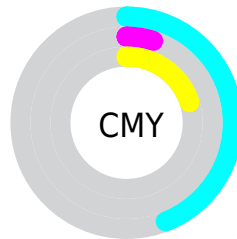
- Red (56%)
- Green (95%)
- Blue (80%)



- Red (56%)
- Yellow (81%)
- Blue (95%)



- Cyan (41%)
- Magenta (0%)
- Yellow (16%)
- Black (5%)





- Cyan (44%)
- Magenta (5%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 39.017, 165.529 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, 39.017, 165.529 by changing the saturation by 10% instead.


 89, 39.017,
165.529

 89, 39.017,
165.529


 100, 39.017,
165.529


 79, 39.017,
165.529

 69, 39.017,
165.529

 59, 39.017,
165.529

 49, 39.017,
165.529

 39, 39.017,
165.529


 29, 39.017,
165.529


 19, 39.017,


165.529


 9, 39.017, 165.529


 0, 39.017, 165.529


 89, 39.017,
165.529


 89, 39.017,
165.529


 88, 47.518,
164.169

 90, 29.931,
166.745

 87, 55.268,
162.641

 92, 20.425,
167.845

 86, 62.136,
160.921

 94, 10.660,
168.861

 86, 68.047,
158.988

 96, 0.775, 170.386

 85, 73.007,

 97, 6.277, 333.925

156.842

97, 7.666, 324.668

85, 76.896,
154.737

Harmonies

Complementary

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



89, 39.017, 165.529



71, 42.388, 354.474

Rectangle

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



89, 39.017, 165.529



89, 39.017, 215.529



89, 39.017, 345.529



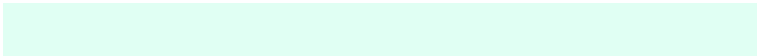
89, 39.017, 35.529

Sweetspot

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



89, 39.018, 165.528



98, 12.336, 168.738



90, 54.992, 130.563



52, 8.178, 168.607



0, 0.000, 0.000



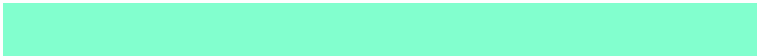
53, 0.007, 296.813

Same Dimension

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



89, 39.018, 165.528



92, 47.916, 164.405



87, 27.599, 208.602



50, 5.657, 168.990



67, 62.539, 155.151



21, 26.121, 158.680

Inverse Universe

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



71, 42.388, 354.474



70, 52.805, 355.881



72, 37.508, 30.801



48, 5.769, 350.613



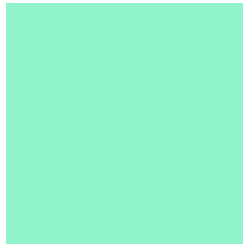
39, 67.028, 12.295



9, 29.652, 4.479

Previews

White Background



This preview shows how the CIELCh color 89, 39.017, 165.529 looks on a white background.

Color Contrast Check

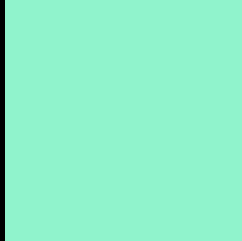
Large Text (above 18pt) WCAG AA × Fail

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, 39.017, 165.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

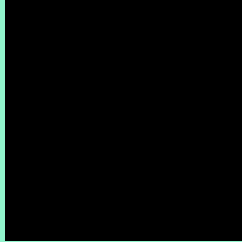
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 39.017, 165.529

Background



This preview shows how black text looks on a background with the CIELCh color 89, 39.017, 165.529.

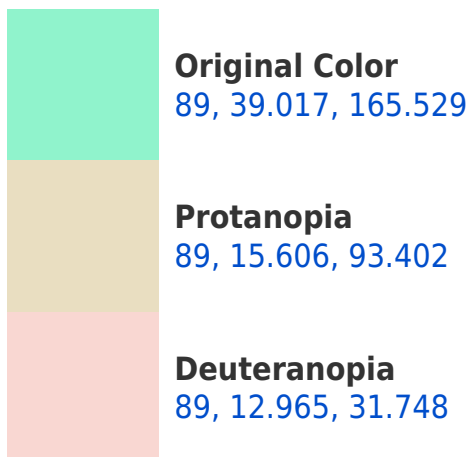


This preview shows how white text looks on a background with the CIELCh color 89, 39.017, 165.529.

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



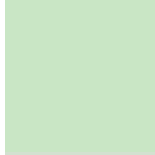


Tritanopia
89, 25.998, 220.539

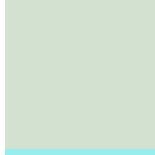
Trichromacy



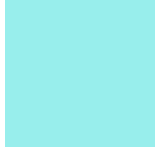
Original Color
89, 39.017, 165.529



Protanomaly
88, 20.236, 140.372



Deuteranomaly
88, 10.249, 139.180



Tritanomaly
89, 27.282, 195.429

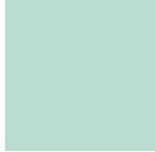
Monochromacy



Original Color
89, 39.017, 165.529



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 14.829, 168.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 39.017, 165.529 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(144, 243, 204)` looks like.

```
.text, #text, p{  
    color:rgb(144, 243, 204)  
}
```

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(144, 243, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 243, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 39.017, 165.529 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(144, 243, 204) }
```

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

```
.border{ border-color:rgb(144, 243, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 243, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 243, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 243, 204);  
box-shadow:4px 4px 4px 4px rgb(144, 243,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 39.017, 165.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 243, 204) }
```

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

```
.background{ background-color: rgb(144,  
243, 204) }
```

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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