

Converting Colors

CIELCh(89, 34.908, 174.725)

Have a look what the booklet for
CIELCh(89, 34.908, 174.725)
contains.

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Color

CIELCh(89, 35.183, 174.394)

Conversions

Conversions Part 1

Format	Color
Hex	8FF2D8
RGB	143, 242, 216
RGB Percent	56%, 95%, 85%
CMY	0.4399, 0.0517, 0.1536
CMYK	0.41, 0.00, 0.11, 0.05
HSL	164°, 79%, 75%
HSV	164°, 41%, 95%
XYZ	55.3632, 74.1641, 76.2397
YIQ	209.4350, -50.6580, -29.0740

Conversions

Conversions Part 2

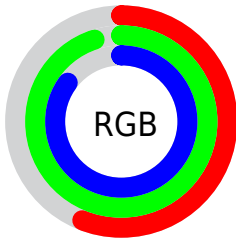
Format	Color
RYB	143, 200, 242
Decimal	9433816
CIELab	89.00, -35.01, 3.44
CIELCh	89, 35.183, 174.394
Yxy	74.1641, 0.2691, 0.3604
Android (android.graphics.Color)	4287623896 (0xFF8FF2D8)
YUV	209.4350, 3.2365, -58.2635
Hunter-Lab	86.1186, -35.9551, 7.7944

Details

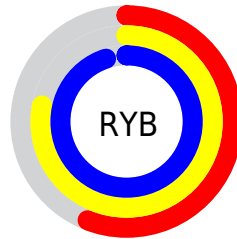
The CIELCh color **89, 35.183, 174.394** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **70, 40.576, 3.756**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 17.795, 198.327**, and **69, 35.069, 174.457** is the 20% darker color. If you saturate the color by 10%, you get **88, 42.448, 173.123**, and if you desaturate by 10%, it is **90, 27.240, 175.553**.

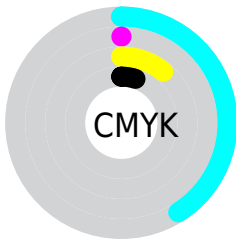
Distribution



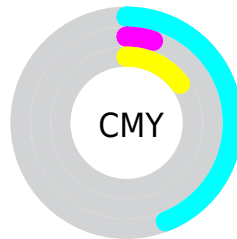
- Red (56%)
- Green (95%)
- Blue (85%)



- Red (56%)
- Yellow (78%)
- Blue (95%)



- Cyan (41%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)




- Cyan (44%)
- Magenta (5%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 35.183, 174.394 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, 35.183, 174.394 by changing the saturation by 10% instead.


 89, 35.183,
174.394


 89, 35.183,
174.394


 100, 35.183,
174.394


 79, 35.183,
174.394

 69, 35.183,
174.394

 59, 35.183,
174.394

 49, 35.183,
174.394

 39, 35.183,
174.394


 29, 35.183,
174.394


 19, 35.183,

174.394


 9, 35.183, 174.394

 0, 35.183, 174.394


 89, 35.183,
174.394


 89, 35.183,
174.394

 88, 42.448,
173.123


 90, 27.240,
175.553

 87, 48.888,
171.719

 92, 18.771,
176.627

 86, 54.396,
170.156

 93, 9.930, 177.645

 86, 58.920,
168.411


 95, 0.855, 179.180

 97, 5.535, 347.585

 86, 62.490,

166.470

 97, 7.767, 326.985

 85, 65.075,
164.581

 97, 8.215, 324.690

Harmonies

Complementary

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



89, 35.183, 174.394



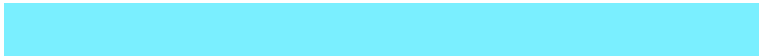
70, 40.576, 3.756

Rectangle

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



89, 35.183, 174.394



89, 35.183, 224.394



89, 35.183, 354.394



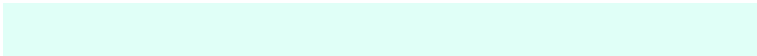
89, 35.183, 44.394

Sweetspot

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



89, 35.184, 174.392



98, 11.359, 177.534



89, 57.256, 134.646



52, 7.524, 177.402



0, 0.000, 0.000



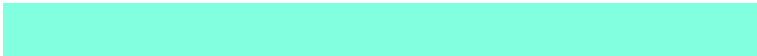
53, 0.007, 296.813

Same Dimension

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



89, 35.184, 174.392



92, 42.887, 173.360



83, 25.702, 226.620



49, 5.128, 177.794



66, 52.624, 164.976



20, 21.924, 168.292

Inverse Universe

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



70, 40.576, 3.756



69, 50.931, 5.367



75, 34.390, 42.644



47, 5.290, 359.452



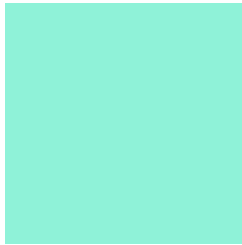
38, 69.854, 24.377



8, 28.843, 12.448

Previews

White Background



This preview shows how the CIELCh color 89, 35.183, 174.394 looks on a white background.

Color Contrast Check

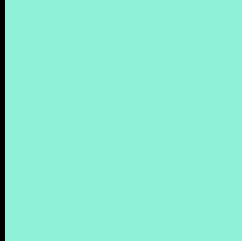
Large Text (above 18pt) WCAG AA × Fail

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, 35.183, 174.394 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, 35.183, 174.394

Background



This preview shows how black text looks on a background with the CIELCh color 89, 35.183, 174.394.

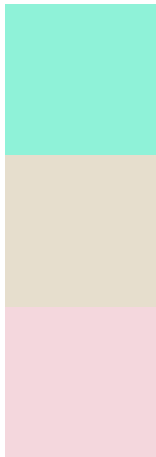


This preview shows how white text looks on a background with the CIELCh color 89, 35.183, 174.394.

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, 35.183, 174.394

Protanopia
89, 9.298, 90.801

Deuteranopia
88, 11.045, 3.822



Tritanopia
89, 26.710, 219.868

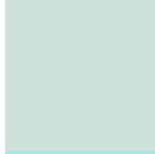
Trichromacy



Original Color
89, 35.183, 174.394



Protanomaly
88, 15.323, 155.588



Deuteranomaly
88, 7.155, 173.030

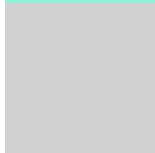


Tritanomaly
89, 27.699, 200.903

Monochromacy



Original Color
89, 35.183, 174.394



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 13.788, 176.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 35.183, 174.394 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(143, 242, 216)` looks like.

```
.text, #text, p{  
    color:rgb(143, 242, 216)  
}
```

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(143, 242, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 242, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 35.183, 174.394 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(143, 242, 216) }
```

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

```
.border{ border-color:rgb(143, 242, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 242, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 242, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 242, 216);  
box-shadow:4px 4px 4px 4px rgb(143, 242,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 35.183, 174.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 242, 216) }
```

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

```
.background{ background-color: rgb(143,  
242, 216) }
```

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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