

Converting Colors

CIELCh(89, 25.320, 175.993)

Have a look what the booklet for
CIELCh(89, 25.320, 175.993)
contains.

CIELCh(89, 25.284, 175.885)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(89, 25.284, 175.885)

Conversions

Conversions Part 1

Format	Color
Hex	A8EDDB
RGB	168, 237, 219
RGB Percent	66%, 93%, 86%
CMY	0.3404, 0.0697, 0.1404
CMYK	0.29, 0.00, 0.08, 0.07
HSL	164°, 66%, 79%
HSV	164°, 29%, 93%
XYZ	59.3516, 74.1641, 78.3485
YIQ	214.3170, -35.3460, -20.2260

Conversions

Conversions Part 2

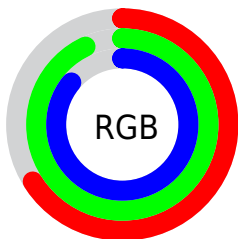
Format	Color
R _{YB}	168, 208, 237
Decimal	11070939
CIE _{Lab}	89.00, -25.22, 1.81
CIE _{LCh}	89, 25.284, 175.885
Y _{xy}	74.1641, 0.2801, 0.3501
Android (android.graphics.Color)	4289261019 (0xFFA8EDDB)
YUV	214.3170, 2.3087, -40.6200
Hunter-Lab	86.1186, -27.6881, 6.3425

Details

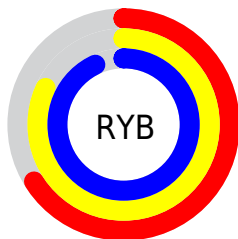
The CIELCh color **89, 25.284, 175.885** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **76, 27.933, 1.976**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.172, 198.828**, and **69, 25.281, 175.598** is the 20% darker color. If you saturate the color by 10%, you get **88, 33.203, 174.743**, and if you desaturate by 10%, it is **90, 16.879, 176.941**.

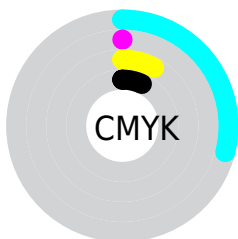
Distribution



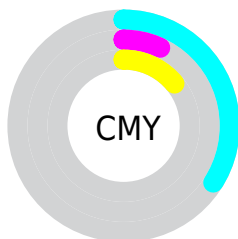
- Red (66%)
- Green (93%)
- Blue (86%)



- Red (66%)
- Yellow (82%)
- Blue (93%)



- Cyan (29%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)




- Cyan (34%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 25.284, 175.885 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, 25.284, 175.885 by changing the saturation by 10% instead.


 89, 25.284,
175.885

 89, 25.284,
175.885


 100, 25.284,
175.885


 79, 25.284,
175.885

 69, 25.284,
175.885

 59, 25.284,
175.885

 49, 25.284,
175.885

 39, 25.284,
175.885

 29, 25.284,
175.885

 19, 25.284,

175.885

■ 9, 25.284, 175.885

■ 0, 25.284, 175.885

■ 89, 25.284,
175.885

■ 89, 25.284,
175.885

■ 88, 33.203,
174.743

■ 90, 16.879,
176.941

■ 87, 40.479,
173.499

■ 92, 8.131, 177.954

■ 86, 46.969,
172.127

■ 94, 0.825, 358.127

■ 85, 52.558,
170.602

■ 95, 7.227, 351.244

■ 84, 57.183,

■ 96, 9.167, 333.608

■ 96, 11.093,

168.899

324.799

■ 84, 60.856,
167.002

■ 84, 63.729,
164.937

■ 84, 63.977,
164.751

Harmonies

Complementary

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



89, 25.284, 175.885



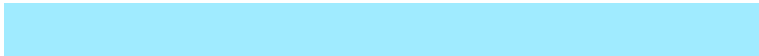
76, 27.933, 1.976

Rectangle

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



89, 25.284, 175.885



89, 25.284, 225.885



89, 25.284, 355.885



89, 25.284, 45.885

Sweetspot

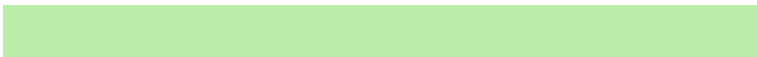
The Sweet Spot groups the original color and five complimentary colors.



89, 25.285, 175.883



98, 8.536, 177.959



89, 40.279, 135.345



52, 5.924, 177.811



0, 0.000, 0.000



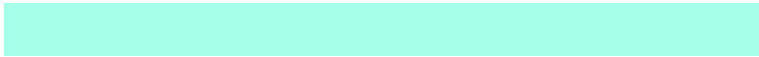
53, 0.007, 296.813

Same Dimension

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



89, 25.285, 175.883



94, 31.836, 175.205



85, 18.831, 225.281



49, 5.124, 177.914



66, 52.512, 165.120



20, 21.884, 168.428

Inverse Universe

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



76, 27.933, 1.976



77, 35.962, 2.889



79, 22.901, 42.636



47, 5.287, 359.572



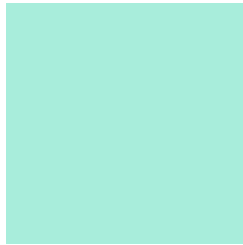
38, 69.920, 24.519



8, 28.847, 12.539

Previews

White Background



This preview shows how the CIELCh color 89, 25.284, 175.885 looks on a white background.

Color Contrast Check

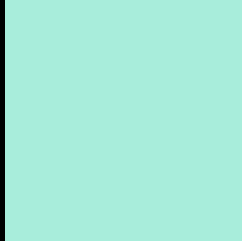
Large Text (above 18pt) WCAG AA × Fail

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, 25.284, 175.885 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

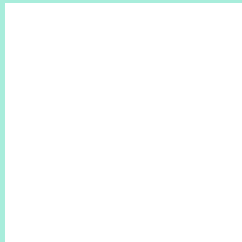
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 25.284, 175.885

Background



This preview shows how black text looks on a background with the CIELCh color 89, 25.284, 175.885.

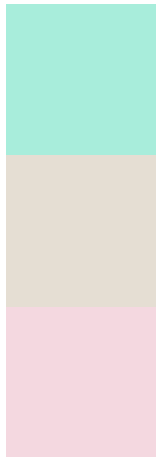


This preview shows how white text looks on a background with the CIELCh color 89, 25.284, 175.885.

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, 25.284, 175.885

Protanopia
89, 6.246, 85.380

Deuteranopia
89, 11.003, 358.026

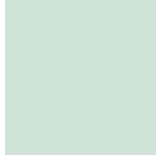


Tritanopia
89, 20.409, 225.884

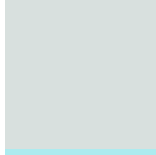
Trichromacy



Original Color
89, 25.284, 175.885



Protanomaly
89, 10.539, 155.033



Deuteranomaly
89, 3.044, 179.371

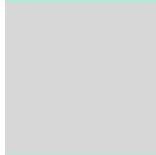


Tritanomaly
89, 20.250, 204.065

Monochromacy



Original Color
89, 25.284, 175.885



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 9.411, 179.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 25.284, 175.885 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(168, 237, 219)` looks like.

```
.text, #text, p{  
    color:rgb(168, 237, 219)  
}
```

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(168, 237, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 237, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 25.284, 175.885 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(168, 237, 219) }
```

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

```
.border{ border-color:rgb(168, 237, 219) }
```

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

Here you see how a box with a 4 pixel rgb(168, 237, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 237, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 237, 219);  
box-shadow:4px 4px 4px 4px rgb(168, 237,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 25.284, 175.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 237, 219) }
```

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

```
.background{ background-color: rgb(168,  
237, 219) }
```

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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