

Converting Colors

CIELCh(89, 25.176, 172.147)

Have a look what the booklet for
CIELCh(89, 25.176, 172.147)
contains.

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Color

CIELCh(89, 25.215, 171.969)

Conversions

Conversions Part 1

Format	Color
Hex	ABEDD8
RGB	171, 237, 216
RGB Percent	67%, 93%, 85%
CMY	0.3295, 0.0707, 0.1530
CMYK	0.28, 0.00, 0.09, 0.07
HSL	161°, 65%, 80%
HSV	161°, 28%, 93%
XYZ	59.4563, 74.1641, 76.1292
YIQ	214.8720, -32.5950, -20.5230

Conversions

Conversions Part 2

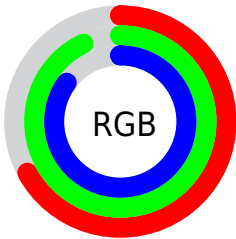
Format	Color
RYB	171, 210, 237
Decimal	11267544
CIELab	89.00, -24.97, 3.52
CIELCh	89, 25.215, 171.969
Yxy	74.1641, 0.2835, 0.3536
Android (android.graphics.Color)	4289457624 (0xFFABEDD8)
YUV	214.8720, 0.5561, -38.4757
Hunter-Lab	86.1186, -27.4711, 7.8704

Details

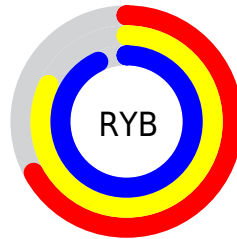
The CIELCh color **89, 25.215, 171.969** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **77, 27.239, 357.731**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.184, 198.897**, and **69, 25.297, 171.564** is the 20% darker color. If you saturate the color by 10%, you get **88, 33.640, 170.801**, and if you desaturate by 10%, it is **91, 16.373, 173.040**.

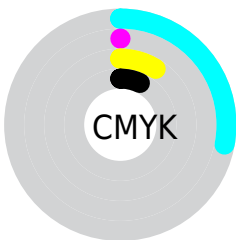
Distribution



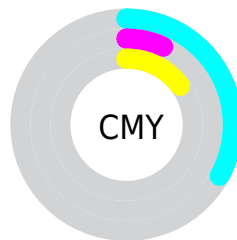
- Red (67%)
- Green (93%)
- Blue (85%)



- Red (67%)
- Yellow (82%)
- Blue (93%)



- Cyan (28%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)




- Cyan (33%)
- Magenta (7%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 25.215, 171.969 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, 25.215, 171.969 by changing the saturation by 10% instead.


 89, 25.215,
171.969

 89, 25.215,
171.969


 100, 25.215,
171.969


 79, 25.215,
171.969

 69, 25.215,
171.969

 59, 25.215,
171.969

 49, 25.215,
171.969

 39, 25.215,
171.969

 29, 25.215,
171.969

 19, 25.215,

171.969

■ 9, 25.215, 171.969

■ 0, 25.215, 171.969

■ 89, 25.215,
171.969

■ 89, 25.215,
171.969

■ 88, 33.640,
170.801

■ 91, 16.373,
173.040

■ 87, 41.486,
169.517

■ 92, 7.258, 174.061

■ 86, 48.601,
168.090

■ 94, 2.001, 354.632

■ 85, 54.859,
166.494

■ 95, 7.955, 343.732

■ 84, 60.177,

■ 96, 10.693,
326.851

164.705

96, 11.242,
324.805

84, 64.551,
162.710

84, 68.086,
160.527

84, 68.797,
160.060

Harmonies

Complementary

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



89, 25.215, 171.969



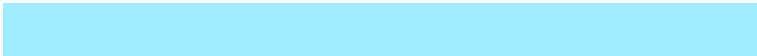
77, 27.239, 357.731

Rectangle

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



89, 25.215, 171.969



89, 25.215, 221.969



89, 25.215, 351.969



89, 25.215, 41.969

Sweetspot

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



89, 25.216, 171.967



98, 7.847, 174.042



89, 37.778, 133.371



52, 5.572, 173.887



0, 0.000, 0.000



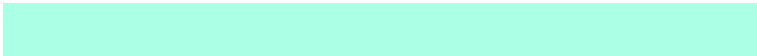
53, 0.007, 296.813

Same Dimension

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



89, 25.216, 171.967



94, 31.421, 171.364



87, 18.634, 216.433



48, 5.203, 173.896



65, 55.850, 160.475



19, 22.554, 164.216

Inverse Universe

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



77, 27.239, 357.731



79, 34.469, 358.475



79, 22.666, 35.883



46, 5.340, 355.553



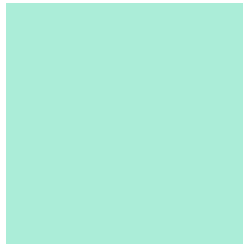
38, 67.218, 19.358



7, 27.802, 8.286

Previews

White Background



This preview shows how the CIELCh color 89, 25.215, 171.969 looks on a white background.

Color Contrast Check

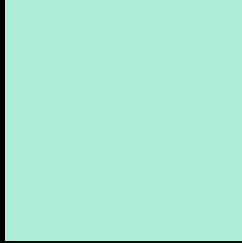
Large Text (above 18pt) WCAG AA × Fail

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, 25.215, 171.969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

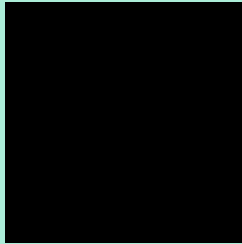
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

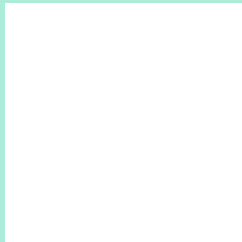
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 25.215, 171.969

Background



This preview shows how black text looks on a background with the CIELCh color 89, 25.215, 171.969.

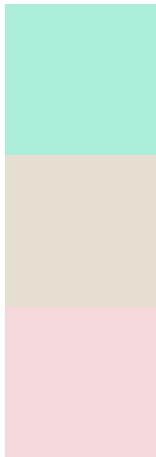


This preview shows how white text looks on a background with the CIELCh color 89, 25.215, 171.969.

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, 25.215, 171.969

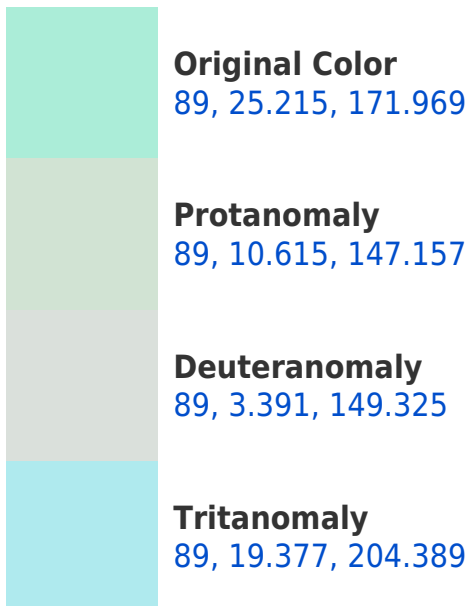
Protanopia
89, 7.830, 87.384

Deuteranopia
89, 10.819, 9.119

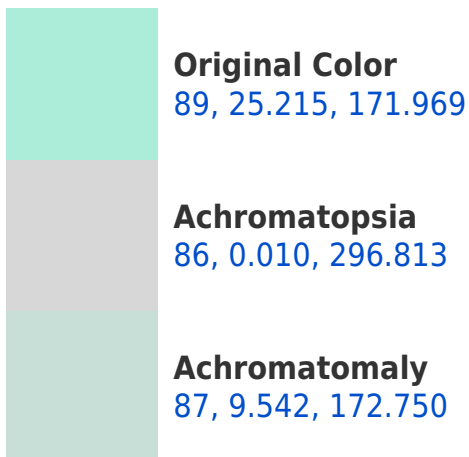


Tritanopia
89, 19.395, 227.530

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 25.215, 171.969 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(171, 237, 216)` looks like.

```
.text, #text, p{  
    color:rgb(171, 237, 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(171, 237, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 237, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 25.215, 171.969 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(171, 237, 216) }
```

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

```
.border{ border-color:rgb(171, 237, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 237, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 237, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 237, 216); box-shadow:4px 4px 4px 4px rgb(171, 237, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 25.215, 171.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 237, 216) }
```

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

```
.background{ background-color: rgb(171,  
237, 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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