

Converting Colors

CIELCh(89, 27.414, 174.003)

Have a look what the booklet for
CIELCh(89, 27.414, 174.003)
contains.

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Color

CIELCh(89, 27.414, 174.003)

Conversions

Conversions Part 1

Format	Color
Hex	A4EED9
RGB	164, 238, 217
RGB Percent	64%, 93%, 85%
CMY	0.3563, 0.0660, 0.1484
CMYK	0.31, 0.00, 0.09, 0.07
HSL	163°, 69%, 79%
HSV	163°, 31%, 93%
XYZ	58.5036, 74.1641, 76.9798
YIQ	213.4800, -37.3630, -22.2190

Conversions

Conversions Part 2

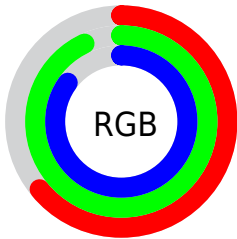
Format	Color
RYB	164, 207, 238
Decimal	10809049
CIELab	89.00, -27.26, 2.86
CIELCh	89, 27.414, 174.003
Yxy	74.1641, 0.2791, 0.3538
Android (android.graphics.Color)	4288999129 (0xFFA4EED9)
YUV	213.4800, 1.7354, -43.3940
Hunter-Lab	86.1186, -29.4458, 7.2848

Details

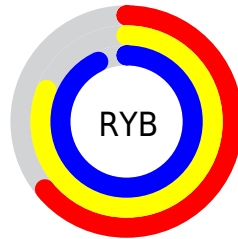
The CIELCh color **89, 27.414, 174.003** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **75, 30.253, 0.610**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.478, 198.739**, and **69, 27.710, 173.738** is the 20% darker color. If you saturate the color by 10%, you get **88, 35.423, 172.821**, and if you desaturate by 10%, it is **90, 18.907, 175.088**.

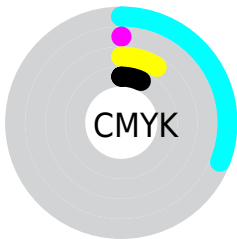
Distribution



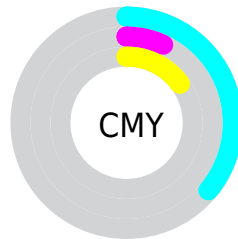
- Red (64%)
- Green (93%)
- Blue (85%)



- Red (64%)
- Yellow (81%)
- Blue (93%)



- Cyan (31%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)




- Cyan (36%)
- Magenta (7%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 27.414, 174.003 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, 27.414, 174.003 by changing the saturation by 10% instead.


 89, 27.414,
174.003

 89, 27.414,
174.003


 100, 27.414,
174.003

 79, 27.414,
174.003

 69, 27.414,
174.003

 59, 27.414,
174.003

 49, 27.414,
174.003

 39, 27.414,
174.003


 29, 27.414,
174.003

 19, 27.414,


174.003


 9, 27.414, 174.003


 0, 27.414, 174.003


 89, 27.414,
174.003

 89, 27.414,
174.003

 88, 35.423,
172.821

 90, 18.907,
175.088

 87, 42.774,
171.525

 92, 10.049,
176.113

 86, 49.325,
170.088

 94, 0.977, 177.555

 85, 54.966,
168.484

 96, 6.754, 352.584

 85, 59.643,

 96, 8.879, 332.366

166.690

96, 10.504,
324.777

84, 63.384,
164.696

84, 66.101,
162.791

Harmonies

Complementary

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



89, 27.414, 174.003



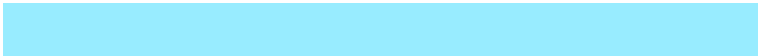
75, 30.253, 0.610

Rectangle

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



89, 27.414, 174.003



89, 27.414, 224.003



89, 27.414, 354.003



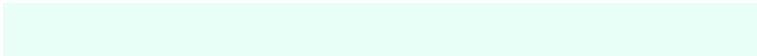
89, 27.414, 44.003

Sweetspot

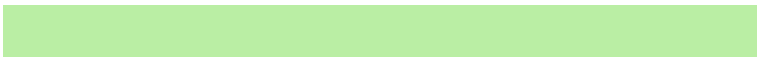
The Sweet Spot groups the original color and five complimentary colors.



89, 27.415, 174.001



98, 8.646, 176.320



89, 42.710, 134.230



52, 6.001, 176.172



0, 0.000, 0.000



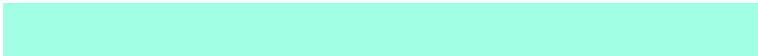
53, 0.007, 296.813

Same Dimension

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



89, 27.415, 174.001



94, 34.056, 173.298



86, 20.269, 220.965



49, 5.190, 176.275



66, 54.067, 163.176



20, 22.444, 166.592

Inverse Universe

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



75, 30.253, 0.610



76, 38.357, 1.547



78, 25.199, 39.238



47, 5.343, 357.939



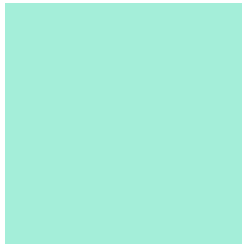
39, 69.056, 22.528



8, 28.804, 11.254

Previews

White Background



This preview shows how the CIE LCh color 89, 27.414, 174.003 looks on a white background.

Color Contrast Check

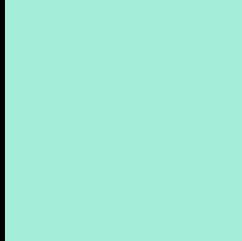
Large Text (above 18pt) WCAG AA × Fail

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, 27.414, 174.003 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

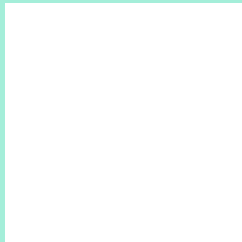
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 27.414, 174.003

Background



This preview shows how black text looks on a background with the CIELCh color 89, 27.414, 174.003.

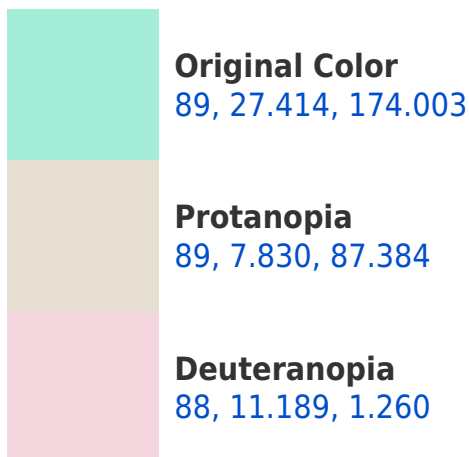


This preview shows how white text looks on a background with the CIELCh color 89, 27.414, 174.003.

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](#).

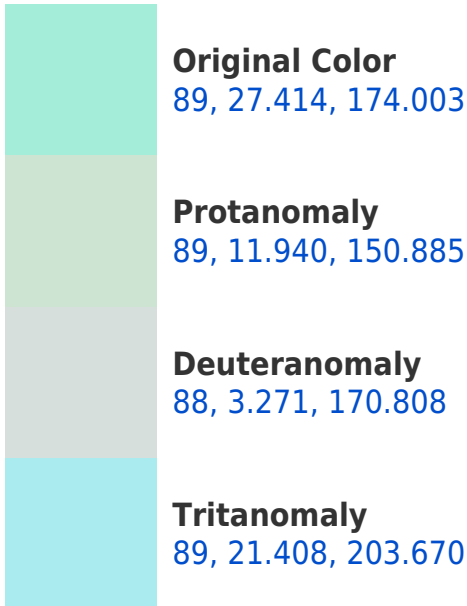
Dichromacy





Tritanopia
89, 21.349, 226.126

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 27.414, 174.003 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(164, 238, 217)` looks like.

```
.text, #text, p{  
    color:rgb(164, 238, 217)  
}
```

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(164, 238, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 238, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 27.414, 174.003 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(164, 238, 217) }
```

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

```
.border{ border-color:rgb(164, 238, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 238, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 238, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 238, 217); box-shadow:4px 4px 4px 4px rgb(164, 238, 217) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 27.414, 174.003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 238, 217) }
```

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

```
.background{ background-color: rgb(164,  
238, 217) }
```

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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