

Converting Colors

CIELCh(89, 19.223, 177.414)

Have a look what the booklet for
CIELCh(89, 19.223, 177.414)
contains.

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Color

CIElCh(89, 19.210, 177.423)

Conversions

Conversions Part 1

Format	Color
Hex	B6EADD
RGB	182, 234, 221
RGB Percent	71%, 92%, 87%
CMY	0.2855, 0.0815, 0.1325
CMYK	0.22, 0.00, 0.06, 0.08
HSL	165°, 56%, 82%
HSV	165°, 22%, 92%
XYZ	61.8988, 74.1641, 79.6018
YIQ	216.9700, -26.8190, -15.0670

Conversions

Conversions Part 2

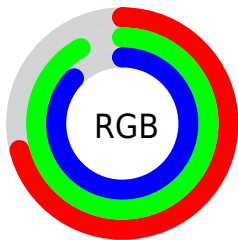
Format	Color
R _{YB}	182, 212, 234
Decimal	11987677
CIE Lab	89.00, -19.19, 0.86
CIE LCh	89, 19.210, 177.423
Yxy	74.1641, 0.2870, 0.3439
Android (android.graphics.Color)	4290177757 (0xFFB6EADD)
YUV	216.9700, 1.9868, -30.6687
Hunter-Lab	86.1186, -22.4086, 5.4796

Details

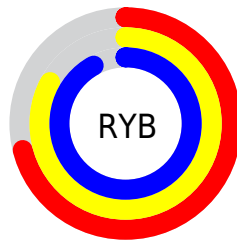
The CIELCh color **89, 19.210, 177.423** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79, 20.757, 1.839**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.502, 199.177**, and **69, 19.130, 177.605** is the 20% darker color. If you saturate the color by 10%, you get **88, 27.324, 176.348**, and if you desaturate by 10%, it is **91, 10.708, 178.433**.

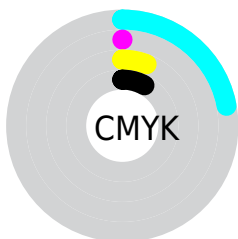
Distribution



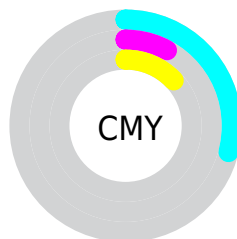
- Red (71%)
- Green (92%)
- Blue (87%)



- Red (71%)
- Yellow (83%)
- Blue (92%)



- Cyan (22%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)



- Cyan (29%)
- Magenta (8%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 19.210, 177.423 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, 19.210, 177.423 by changing the saturation by 10% instead.


 89, 19.210,
177.423

 89, 19.210,
177.423


 100, 19.210,
177.423


 79, 19.210,
177.423

 69, 19.210,
177.423

 59, 19.210,
177.423

 49, 19.210,
177.423

 39, 19.210,
177.423


 29, 19.210,
177.423

 19, 19.210,

177.423


 9, 19.210, 177.423


 0, 19.210, 177.423

 89, 19.210,
177.423

 89, 19.210,
177.423


 88, 27.324,
176.348


 91, 10.708,
178.433


 86, 34.897,
175.192


 92, 1.949, 179.598

 94, 6.947, 0.114

 85, 41.781,
173.928

 95, 9.145, 344.210

 85, 47.841,
172.533

 95, 11.157,
331.612

 84, 52.979,

170.981

95, 12.977,
324.869

83, 57.154,
169.250

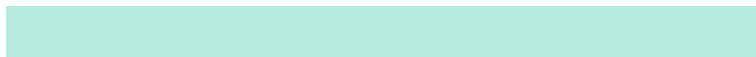
83, 60.408,
167.328

83, 62.460,
165.735

Harmonies

Complementary

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



89, 19.210, 177.423



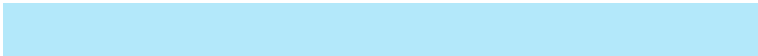
79, 20.757, 1.839

Rectangle

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



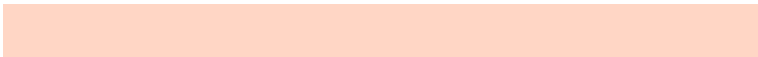
89, 19.210, 177.423



89, 19.210, 227.423



89, 19.210, 357.423



89, 19.210, 47.423

Sweetspot

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



89, 19.211, 177.420



99, 6.613, 178.960



89, 30.441, 135.729



52, 4.294, 178.896



0, 0.000, 0.000



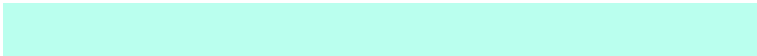
53, 0.007, 296.813

Same Dimension

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



89, 19.211, 177.420



95, 24.806, 176.902



86, 14.553, 224.694



48, 5.005, 178.709



66, 51.235, 166.105



19, 20.937, 169.529

Inverse Universe

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



79, 20.757, 1.839



82, 27.300, 2.490



82, 16.812, 42.724



46, 5.169, 0.357



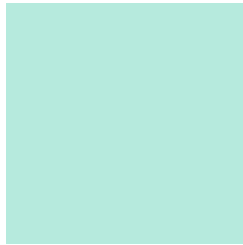
38, 69.602, 25.376



7, 27.831, 12.078

Previews

White Background



This preview shows how the CIE LCh color 89, 19.210, 177.423 looks on a white background.

Color Contrast Check

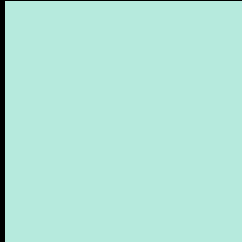
Large Text (above 18pt) WCAG AA × Fail

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, 19.210, 177.423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

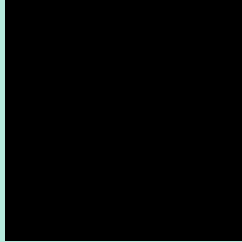
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

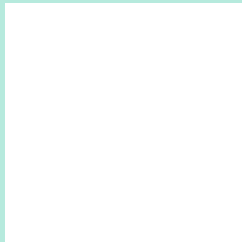
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 19.210, 177.423

Background



This preview shows how black text looks on a background with the CIELCh color 89, 19.210, 177.423.



This preview shows how white text looks on a background with the CIELCh color 89, 19.210, 177.423.

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



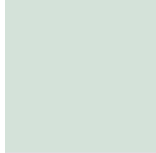


Tritanopia
89, 16.631, 235.411

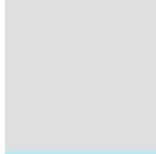
Trichromacy



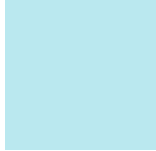
Original Color
89, 19.210, 177.423



Protanomaly
89, 6.902, 156.298



Deuteranomaly
89, 0.882, 236.405

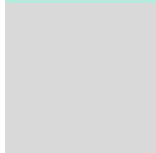


Tritanomaly
89, 15.606, 212.047

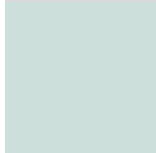
Monochromacy



Original Color
89, 19.210, 177.423



Achromatopsia
87, 0.010, 296.813



Achromatomaly
87, 7.069, 181.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 19.210, 177.423 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(182, 234, 221)` looks like.

```
.text, #text, p{  
    color:rgb(182, 234, 221)  
}
```

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(182, 234, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 234, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 19.210, 177.423 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(182, 234, 221) }
```

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

```
.border{ border-color:rgb(182, 234, 221) }
```

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

Here you see how a box with a 4 pixel rgb(182, 234, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 234, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 234, 221);  
box-shadow:4px 4px 4px 4px rgb(182, 234,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 19.210, 177.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 234, 221) }
```

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

```
.background{ background-color: rgb(182,  
234, 221) }
```

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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