

Converting Colors

CIELCh(89, 16.698, 190.355)

Have a look what the booklet for
CIELCh(89, 16.698, 190.355)
contains.

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Color

CIELCh(89, 16.759, 191.125)

Conversions

Conversions Part 1

Format	Color
Hex	B8E9E5
RGB	184, 233, 229
RGB Percent	72%, 91%, 90%
CMY	0.2782, 0.0861, 0.1018
CMYK	0.21, 0.00, 0.02, 0.09
HSL	175°, 53%, 82%
HSV	175°, 21%, 91%
XYZ	63.0830, 74.1641, 85.1571
YIQ	217.8930, -27.9200, -11.6320

Conversions

Conversions Part 2

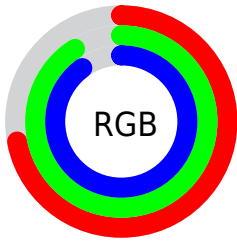
Format	Color
RYB	184, 210, 233
Decimal	12118501
CIELab	89.00, -16.44, -3.23
CIElCh	89, 16.759, 191.125
Yxy	74.1641, 0.2836, 0.3335
Android (android.graphics.Color)	4290308581 (0xFFB8E9E5)
YUV	217.8930, 5.4758, -29.7242
Hunter-Lab	86.1186, -19.9539, 1.6550

Details

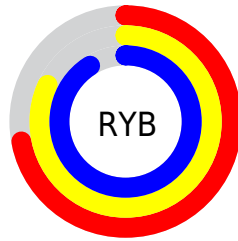
The CIELCh color **89, 16.759, 191.125** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79, 18.854, 14.538**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 4.823, 199.237**, and **69, 16.574, 192.318** is the 20% darker color. If you saturate the color by 10%, you get **88, 23.979, 190.364**, and if you desaturate by 10%, it is **91, 9.006, 191.893**.

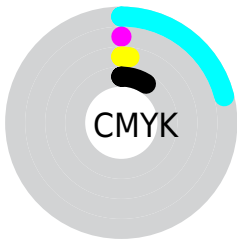
Distribution



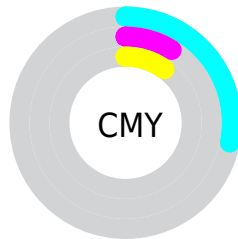
- Red (72%)
- Green (91%)
- Blue (90%)



- Red (72%)
- Yellow (82%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)





- Cyan (28%)
- Magenta (9%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 16.759, 191.125 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, 16.759, 191.125 by changing the saturation by 10% instead.


 89, 16.759,
191.125


 89, 16.759,
191.125


 100, 16.759,
191.125


 79, 16.759,
191.125

 69, 16.759,
191.125

 59, 16.759,
191.125

 49, 16.759,
191.125

 39, 16.759,
191.125

 29, 16.759,
191.125

 19, 16.759,

191.125

■ 9, 16.759, 191.125

■ 0, 16.759, 191.125

■ 89, 16.759,
191.125

■ 89, 16.759,
191.125

■ 88, 23.979,
190.364

■ 91, 9.006, 191.893

■ 87, 30.524,
189.607

■ 92, 0.853, 193.275

■ 86, 36.259,
188.839

■ 94, 7.581, 13.223

■ 85, 41.070,
188.050

■ 94, 8.104, 6.697

■ 84, 44.881,

■ 94, 8.366, 0.170

■ 94, 8.733, 354.119

187.225

94, 9.190, 348.620

84, 47.670,
186.348

94, 9.726, 343.692

84, 49.486,
185.402

94, 10.328,
339.316

84, 50.468,
184.497

Harmonies

Complementary

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



89, 16.759, 191.125



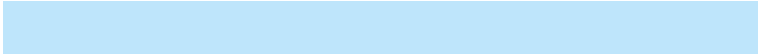
79, 18.854, 14.538

Rectangle

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



89, 16.759, 191.125



89, 16.759, 241.125



89, 16.759, 11.125



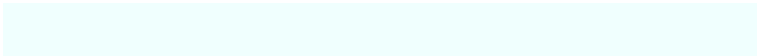
89, 16.759, 61.125

Sweetspot

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



89, 16.760, 191.120



99, 5.324, 192.317



88, 30.406, 140.966



53, 3.527, 192.257



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, 16.760, 191.120



96, 21.183, 190.810



84, 14.179, 248.675



48, 4.680, 192.019



66, 41.714, 184.673



19, 17.641, 186.278

Inverse Universe

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



79, 18.854, 14.538



83, 24.437, 15.028



84, 15.451, 63.631



46, 4.925, 13.338



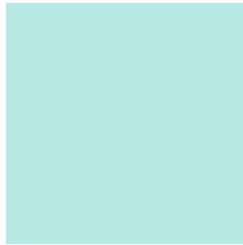
38, 77.440, 36.671



7, 28.213, 19.382

Previews

White Background



This preview shows how the CIELCh color 89, 16.759, 191.125 looks on a white background.

Color Contrast Check

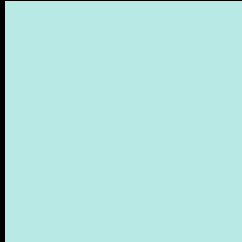
Large Text (above 18pt) WCAG AA × Fail

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, 16.759, 191.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

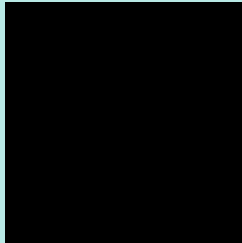
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

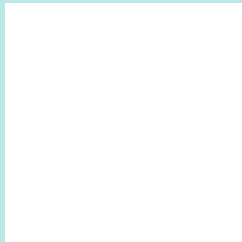
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 16.759, 191.125

Background



This preview shows how black text looks on a background with the CIELCh color 89, 16.759, 191.125.

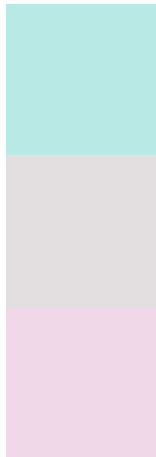


This preview shows how white text looks on a background with the CIELCh color 89, 16.759, 191.125.

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, 16.759, 191.125

Protanopia
89, 1.879, 3.150

Deuteranopia
89, 12.369, 334.603

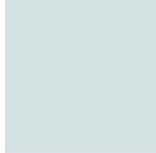


Tritanopia
89, 16.367, 233.820

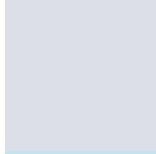
Trichromacy



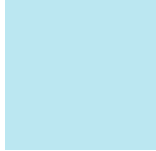
Original Color
89, 16.759, 191.125



Protanomaly
89, 5.317, 193.517



Deuteranomaly
89, 5.256, 282.949

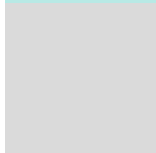


Tritanomaly
89, 15.328, 218.510

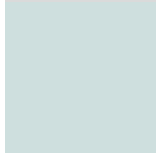
Monochromacy



Original Color
89, 16.759, 191.125



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 6.020, 194.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 16.759, 191.125 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(184, 233, 229)` looks like.

```
.text, #text, p{  
    color:rgb(184, 233, 229)  
}
```

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(184, 233, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 233, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 16.759, 191.125 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(184, 233, 229) }
```

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

```
.border{ border-color:rgb(184, 233, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 233, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 233, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 233, 229);  
box-shadow:4px 4px 4px 4px rgb(184, 233,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 16.759, 191.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 233, 229) }
```

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

```
.background{ background-color: rgb(184,  
233, 229) }
```

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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