

Converting Colors

CIELCh(89, 18.003, 191.995)

Have a look what the booklet for
CIELCh(89, 18.003, 191.995)
contains.

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Color

CIELCh(89, 17.993, 191.539)

Conversions

Conversions Part 1

Format	Color
Hex	B5EAE6
RGB	181, 234, 230
RGB Percent	71%, 92%, 90%
CMY	0.2913, 0.0835, 0.0992
CMYK	0.23, 0.00, 0.02, 0.08
HSL	175°, 55%, 81%
HSV	175°, 23%, 92%
XYZ	62.5701, 74.1641, 85.6649
YIQ	217.6970, -30.3040, -12.4800

Conversions

Conversions Part 2

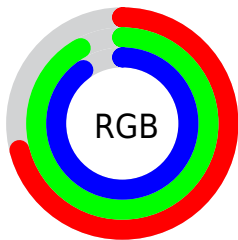
Format	Color
R _Y B	181, 209, 234
Decimal	11922150
CIE Lab	89.00, -17.63, -3.60
CIE LCh	89, 17.993, 191.539
Yxy	74.1641, 0.2813, 0.3335
Android (android.graphics.Color)	4290112230 (0xFFB5EAE6)
YUV	217.6970, 6.0654, -32.1833
Hunter-Lab	86.1186, -21.0170, 1.3054

Details

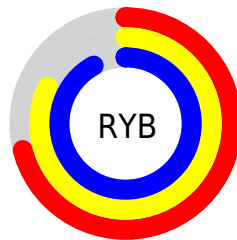
The CIELCh color **89, 17.993, 191.539** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78, 20.484, 15.215**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.840, 199.149**, and **69, 17.814, 192.622** is the 20% darker color. If you saturate the color by 10%, you get **88, 25.102, 190.798**, and if you desaturate by 10%, it is **90, 10.322, 192.286**.

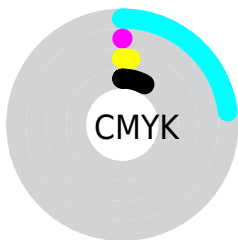
Distribution



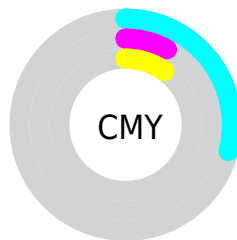
- Red (71%)
- Green (92%)
- Blue (90%)



- Red (71%)
- Yellow (82%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (2%)
- Black (8%)




- Cyan (29%)
- Magenta (8%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 17.993, 191.539 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, 17.993, 191.539 by changing the saturation by 10% instead.


 89, 17.993,
191.539


 89, 17.993,
191.539


 100, 17.993,
191.539


 79, 17.993,
191.539


 69, 17.993,
191.539

 59, 17.993,
191.539

 49, 17.993,
191.539

 39, 17.993,
191.539

 29, 17.993,
191.539

 19, 17.993,

191.539

■ 9, 17.993, 191.539

■ 0, 17.993, 191.539

■ 89, 17.993,
191.539

■ 89, 17.993,
191.539

■ 88, 25.102,
190.798

■ 90, 10.322,
192.286

■ 87, 31.504,
190.064

■ 92, 2.221, 193.228

■ 86, 37.070,
189.321

■ 94, 6.185, 13.583

■ 85, 41.690,
188.562

■ 94, 7.811, 8.310

■ 84, 45.296,

■ 94, 8.028, 1.972

■ 94, 8.340, 356.042

187.770

94, 8.736, 350.599

84, 47.879,
186.932

95, 9.206, 345.676

84, 49.503,
186.031

95, 9.739, 341.268

84, 50.239,
185.334

Harmonies

Complementary

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



89, 17.993, 191.539



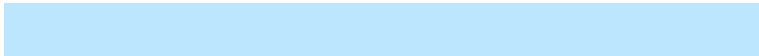
78, 20.484, 15.215

Rectangle

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



89, 17.993, 191.539



89, 17.993, 241.539



89, 17.993, 11.539



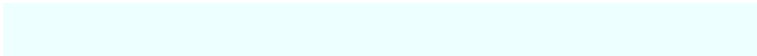
89, 17.993, 61.539

Sweetspot

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



89, 17.994, 191.534



99, 6.191, 192.742



88, 32.870, 140.852



53, 4.018, 192.690



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, 17.994, 191.534



96, 22.685, 191.206



83, 15.287, 248.939



48, 4.673, 192.538



66, 41.442, 185.501



19, 17.546, 187.001

Inverse Universe

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



78, 20.484, 15.215



82, 26.562, 15.765



84, 16.785, 63.460



46, 4.921, 13.836



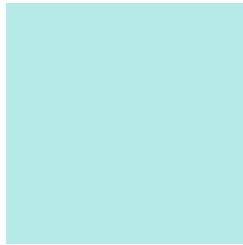
38, 77.705, 36.950



7, 28.234, 19.637

Previews

White Background



This preview shows how the CIELCh color 89, 17.993, 191.539 looks on a white background.

Color Contrast Check

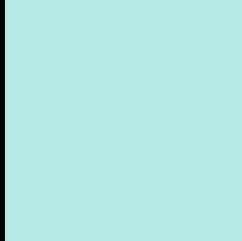
Large Text (above 18pt) WCAG AA × Fail

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, 17.993, 191.539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

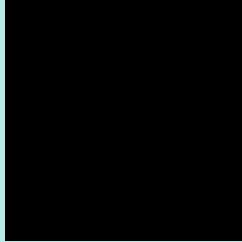
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

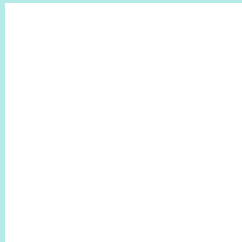
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 17.993, 191.539

Background



This preview shows how black text looks on a background with the CIELCh color 89, 17.993, 191.539.



This preview shows how white text looks on a background with the CIELCh color 89, 17.993, 191.539.

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



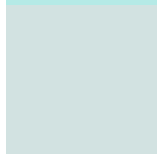


Tritanopia
89, 17.366, 231.453

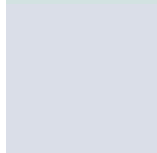
Trichromacy



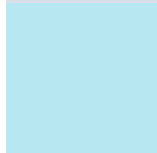
Original Color
89, 17.993, 191.539



Protanomaly
89, 5.662, 193.828



Deuteranomaly
88, 5.382, 275.540

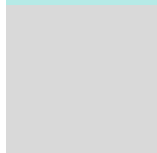


Tritanomaly
89, 16.770, 216.634

Monochromacy



Original Color
89, 17.993, 191.539



Achromatopsia
87, 0.010, 296.813



Achromatomaly
87, 6.708, 194.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 17.993, 191.539 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(181, 234, 230)` looks like.

```
.text, #text, p{  
    color:rgb(181, 234, 230)  
}
```

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(181, 234, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 234, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 17.993, 191.539 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(181, 234, 230) }
```

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

```
.border{ border-color:rgb(181, 234, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 234, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 234, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 234, 230);  
box-shadow:4px 4px 4px 4px rgb(181, 234,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 17.993, 191.539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 234, 230) }
```

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

```
.background{ background-color: rgb(181,  
234, 230) }
```

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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