

Converting Colors

CIELCh(89, 17.721, 175.697)

Have a look what the booklet for
CIELCh(89, 17.721, 175.697)
contains.

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Color

CIELCh(89, 17.720, 175.701)

Conversions

Conversions Part 1

Format	Color
Hex	BAE9DC
RGB	186, 233, 220
RGB Percent	73%, 91%, 86%
CMY	0.2691, 0.0848, 0.1358
CMYK	0.20, 0.00, 0.06, 0.08
HSL	163°, 52%, 82%
HSV	163°, 20%, 92%
XYZ	62.5525, 74.1641, 78.9876
YIQ	217.4650, -23.8390, -14.0070

Conversions

Conversions Part 2

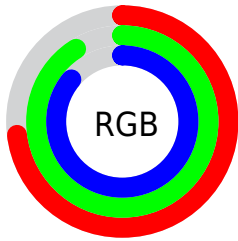
Format	Color
RYB	186, 213, 233
Decimal	12249564
CIELab	89.00, -17.67, 1.33
CIElCh	89, 17.720, 175.701
Yxy	74.1641, 0.2900, 0.3438
Android (android.graphics.Color)	4290439644 (0xFFBAE9DC)
YUV	217.4650, 1.2498, -27.5948
Hunter-Lab	86.1186, -21.0535, 5.9025

Details

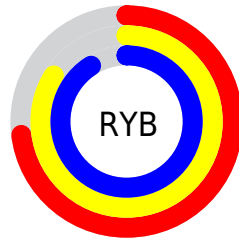
The CIELCh color **89, 17.720, 175.701** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80, 18.887, 359.661**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 4.141, 199.303**, and **69, 17.617, 175.911** is the 20% darker color. If you saturate the color by 10%, you get **88, 26.081, 174.623**, and if you desaturate by 10%, it is **91, 9.025, 176.716**.

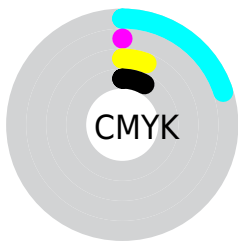
Distribution



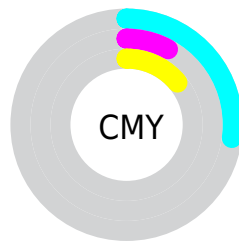
- Red (73%)
- Green (91%)
- Blue (86%)



- Red (73%)
- Yellow (84%)
- Blue (91%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)





- Cyan (27%)
- Magenta (8%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 17.720, 175.701 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, 17.720, 175.701 by changing the saturation by 10% instead.


 89, 17.720,
175.701


 89, 17.720,
175.701


 100, 17.720,
175.701


 79, 17.720,
175.701

 69, 17.720,
175.701

 59, 17.720,
175.701

 49, 17.720,
175.701

 39, 17.720,
175.701


 29, 17.720,
175.701


 19, 17.720,

175.701

 9, 17.720, 175.701


 0, 17.720, 175.701

 89, 17.720,
175.701


 89, 17.720,
175.701

 88, 26.081,
174.623


 91, 9.025, 176.716


 86, 33.958,
173.460


 92, 0.125, 181.955

 85, 41.198,
172.186

 94, 8.407, 357.093

 94, 10.135,
339.562

 84, 47.661,
170.776

 95, 12.530,
327.991

 84, 53.234,

169.204

95, 13.496,
324.888

83, 57.860,
167.448

83, 61.557,
165.493

83, 64.474,
163.416

Harmonies

Complementary

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



89, 17.720, 175.701



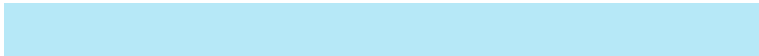
80, 18.887, 359.661

Rectangle

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



89, 17.720, 175.701



89, 17.720, 225.701



89, 17.720, 355.701



89, 17.720, 45.701

Sweetspot

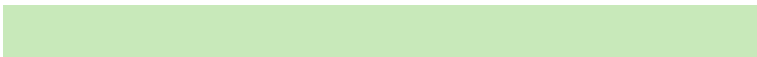
The Sweet Spot groups the original color and five complimentary colors.



89, 17.721, 175.697



99, 5.753, 177.145



89, 27.392, 135.331



53, 3.814, 177.074



0, 0.000, 0.000



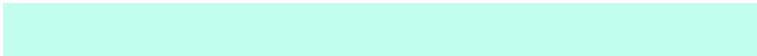
53, 0.007, 296.813

Same Dimension

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



89, 17.721, 175.697



96, 22.551, 175.280



87, 13.327, 222.388



48, 5.078, 176.785



66, 53.005, 163.795



19, 21.555, 167.364

Inverse Universe

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



80, 18.887, 359.661



84, 24.358, 0.161



82, 15.205, 40.946



46, 5.231, 358.443



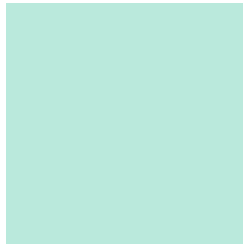
38, 68.574, 23.094



7, 27.807, 10.677

Previews

White Background



This preview shows how the CIE LCh color 89, 17.720, 175.701 looks on a white background.

Color Contrast Check

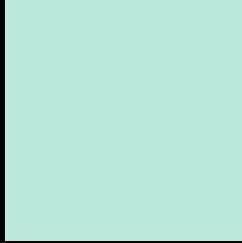
Large Text (above 18pt) WCAG AA × Fail

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, 17.720, 175.701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

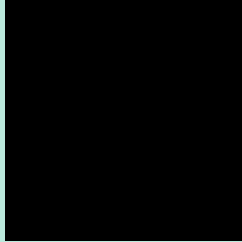
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

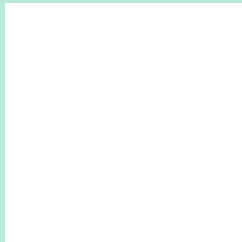
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 17.720, 175.701

Background



This preview shows how black text looks on a background with the CIELCh color 89, 17.720, 175.701.

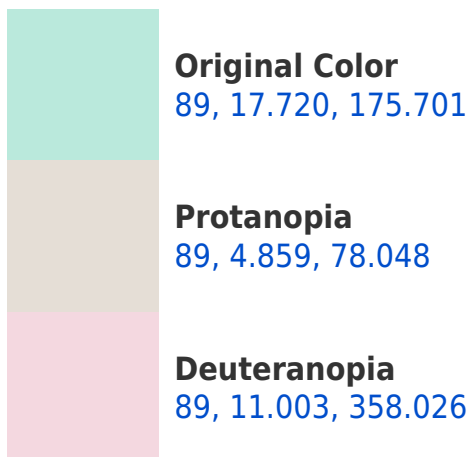


This preview shows how white text looks on a background with the CIELCh color 89, 17.720, 175.701.

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



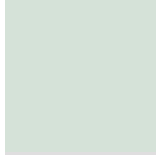


Tritanopia
89, 15.433, 238.896

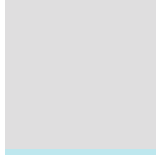
Trichromacy



Original Color
89, 17.720, 175.701



Protanomaly
89, 7.029, 151.303



Deuteranomaly
89, 0.645, 324.033

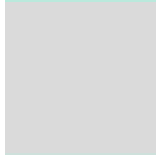


Tritanomaly
89, 14.099, 213.629

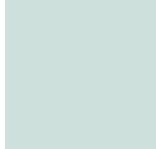
Monochromacy



Original Color
89, 17.720, 175.701



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 6.931, 176.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 17.720, 175.701 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(186, 233, 220)` looks like.

```
.text, #text, p{  
    color:rgb(186, 233, 220)  
}
```

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(186, 233, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 233, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 17.720, 175.701 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(186, 233, 220) }
```

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

```
.border{ border-color:rgb(186, 233, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 233, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 233, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 233, 220);  
box-shadow:4px 4px 4px 4px rgb(186, 233,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 17.720, 175.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 233, 220) }
```

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

```
.background{ background-color: rgb(186,  
233, 220) }
```

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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