

Converting Colors

CIELCh(89, 18.214, 172.736)

Have a look what the booklet for
CIELCh(89, 18.214, 172.736)
contains.

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Color

CIELCh(89, 18.201, 172.744)

Conversions

Conversions Part 1

Format	Color
Hex	BBEADB
RGB	187, 234, 219
RGB Percent	73%, 92%, 86%
CMY	0.2685, 0.0842, 0.1430
CMYK	0.20, 0.00, 0.06, 0.08
HSL	161°, 52%, 82%
HSV	161°, 20%, 92%
XYZ	62.3865, 74.1641, 77.7148
YIQ	218.2370, -23.1970, -14.6290

Conversions

Conversions Part 2

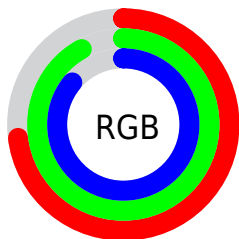
Format	Color
RYB	187, 215, 234
Decimal	12315355
CIELab	89.00, -18.06, 2.30
CIElCh	89, 18.201, 172.744
Yxy	74.1641, 0.2912, 0.3461
Android (android.graphics.Color)	4290505435 (0xFFBBEADB)
YUV	218.2370, 0.3762, -27.3948
Hunter-Lab	86.1186, -21.3976, 6.7788

Details

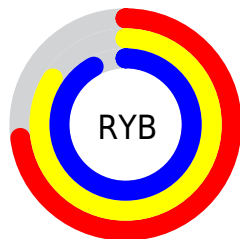
The CIELCh color **89, 18.201, 172.744** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80, 19.224, 356.684**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.799, 199.339**, and **69, 18.131, 172.785** is the 20% darker color. If you saturate the color by 10%, you get **88, 26.868, 171.650**, and if you desaturate by 10%, it is **91, 9.238, 173.765**.

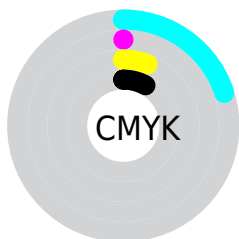
Distribution



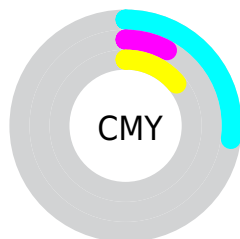
- Red (73%)
- Green (92%)
- Blue (86%)



- Red (73%)
- Yellow (84%)
- Blue (92%)



- 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, 18.201, 172.744 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, 18.201, 172.744 by changing the saturation by 10% instead.

 89, 18.201,
172.744

 89, 18.201,
172.744

 100, 18.201,
172.744

 79, 18.201,
172.744

 69, 18.201,
172.744

 59, 18.201,
172.744

 49, 18.201,
172.744

 39, 18.201,
172.744


 29, 18.201,
172.744

 19, 18.201,


172.744

 9, 18.201, 172.744


 0, 18.201, 172.744

 89, 18.201,
172.744


 89, 18.201,
172.744

 88, 26.868,
171.650


 91, 9.238, 173.765

 86, 35.085,
170.460


 93, 0.106, 179.637

 85, 42.697,
169.147

 94, 8.568, 353.797

 95, 10.787,
335.253

 84, 49.559,
167.685

 95, 13.411,
324.884

 84, 55.550,

166.048

■ 83, 60.607,
164.215

■ 83, 64.741,
162.175

■ 82, 68.096,
160.008

Harmonies

Complementary

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



89, 18.201, 172.744



80, 19.224, 356.684

Rectangle

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



89, 18.201, 172.744



89, 18.201, 222.744



89, 18.201, 352.744



89, 18.201, 42.744

Sweetspot

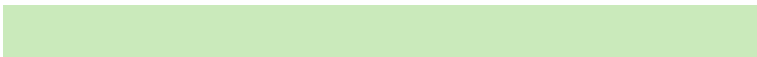
The Sweet Spot groups the original color and five complimentary colors.



89, 18.203, 172.741



99, 5.893, 174.191



89, 26.975, 133.768



53, 3.908, 174.120



0, 0.000, 0.000



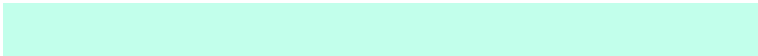
53, 0.007, 296.813

Same Dimension

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



89, 18.203, 172.741



96, 23.202, 172.315



87, 13.665, 216.127



48, 5.206, 173.832



65, 55.916, 160.403



19, 22.578, 164.148

Inverse Universe

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



80, 19.224, 356.684



84, 24.785, 357.175



82, 15.660, 35.703



46, 5.342, 355.489



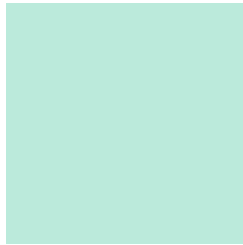
38, 67.191, 19.271



7, 27.802, 8.229

Previews

White Background



This preview shows how the CIELCh color 89, 18.201, 172.744 looks on a white background.

Color Contrast Check

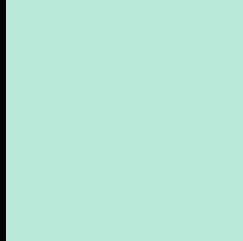
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 89, 18.201, 172.744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

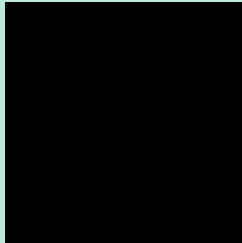
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

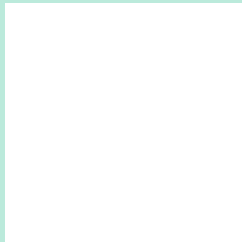
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 18.201, 172.744

Background



This preview shows how black text looks on a background with the CIELCh color 89, 18.201, 172.744.

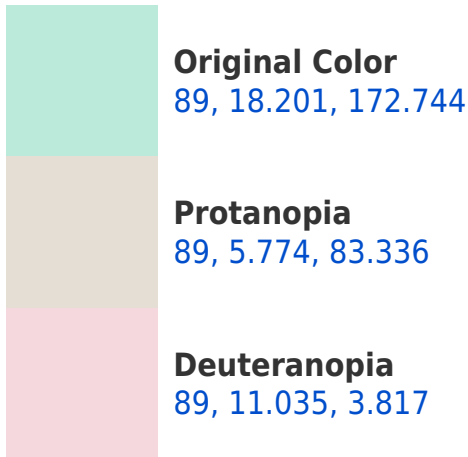


This preview shows how white text looks on a background with the CIELCh color 89, 18.201, 172.744.

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



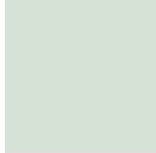


Tritanopia
89, 15.433, 238.896

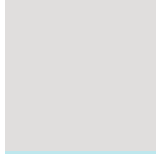
Trichromacy



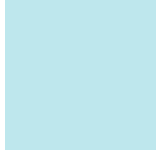
Original Color
89, 18.201, 172.744



Protanomaly
89, 7.631, 144.176



Deuteranomaly
89, 0.877, 54.988

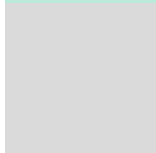


Tritanomaly
89, 14.017, 211.505

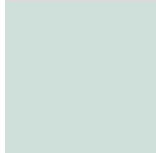
Monochromacy



Original Color
89, 18.201, 172.744



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 6.848, 171.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 18.201, 172.744 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(187, 234, 219)` looks like.

```
.text, #text, p{  
    color:rgb(187, 234, 219)  
}
```

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(187, 234, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 234, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 18.201, 172.744 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(187, 234, 219) }
```

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

```
.border{ border-color:rgb(187, 234, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 234, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 234, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 234, 219);  
box-shadow:4px 4px 4px 4px rgb(187, 234,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 18.201, 172.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 234, 219) }
```

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

```
.background{ background-color: rgb(187,  
234, 219) }
```

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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