

Converting Colors

CIELCh(89, 14.756, 175.878)

Have a look what the booklet for
CIELCh(89, 14.756, 175.878)
contains.

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Color

CIELCh(89, 14.829, 175.659)

Conversions

Conversions Part 1

Format	Color
Hex	C1E8DD
RGB	193, 232, 221
RGB Percent	76%, 91%, 87%
CMY	0.2437, 0.0907, 0.1339
CMYK	0.17, 0.00, 0.05, 0.09
HSL	163°, 46%, 83%
HSV	163°, 17%, 91%
XYZ	63.8050, 74.1641, 79.2594
YIQ	219.0850, -19.7130, -11.6890

Conversions

Conversions Part 2

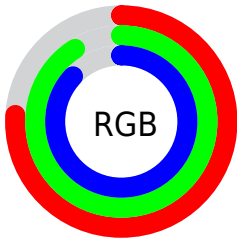
Format	Color
R _{YB}	193, 216, 232
Decimal	12708061
CIE Lab	89.00, -14.79, 1.12
CIE LCh	89, 14.829, 175.659
Yxy	74.1641, 0.2937, 0.3414
Android (android.graphics.Color)	4290898141 (0xFFC1E8DD)
YUV	219.0850, 0.9441, -22.8765
Hunter-Lab	86.1186, -18.4574, 5.7154

Details

The CIELCh color **89, 14.829, 175.659** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 15.619, 358.879**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.735, 199.677**, and **69, 14.634, 176.106** is the 20% darker color. If you saturate the color by 10%, you get **87, 23.309, 174.601**, and if you desaturate by 10%, it is **91, 6.068, 176.675**.

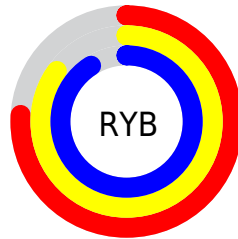
Distribution



Red (76%)

Green (91%)

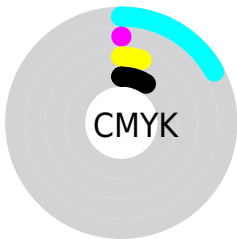
Blue (87%)



Red (76%)

Yellow (85%)

Blue (91%)

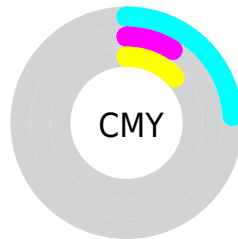


Cyan (17%)

Magenta (0%)

Yellow (5%)

Black (9%)



Cyan (24%)


Magenta (9%)

Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 14.829, 175.659 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, 14.829, 175.659 by changing the saturation by 10% instead.


 89, 14.829,
175.659

 89, 14.829,
175.659


 100, 14.829,
175.659

 79, 14.829,
175.659

 69, 14.829,
175.659

 59, 14.829,
175.659

 49, 14.829,
175.659

 39, 14.829,
175.659

 29, 14.829,
175.659

 19, 14.829,


175.659

 9, 14.829, 175.659


 0, 14.829, 175.659

 89, 14.829,
175.659


 89, 14.829,
175.659

 87, 23.309,
174.601


 91, 6.068, 176.675


 86, 31.361,
173.467

 93, 2.853, 357.304

 85, 38.835,
172.228

 94, 9.397, 351.921

 84, 45.585,
170.859

 94, 11.343,
336.770

 83, 51.486,

 94, 13.853,
326.646

169.336

94, 14.452,
324.922

83, 56.459,
167.633

82, 60.494,
165.734

82, 63.676,
163.642

82, 64.598,
162.970

Harmonies

Complementary

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



89, 14.829, 175.659



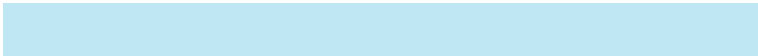
82, 15.619, 358.879

Rectangle

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



89, 14.829, 175.659



89, 14.829, 225.659



89, 14.829, 355.659



89, 14.829, 45.659

Sweetspot

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



89, 14.831, 175.655



99, 4.810, 176.873



89, 22.735, 135.502



53, 3.281, 176.793



0, 0.000, 0.000



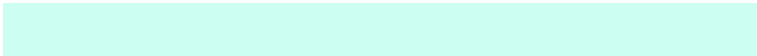
53, 0.007, 296.813

Same Dimension

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



89, 14.831, 175.655



96, 18.970, 175.316



87, 11.177, 222.197



47, 5.003, 176.402



65, 52.793, 163.367



18, 20.959, 167.165

Inverse Universe

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



82, 15.619, 358.879



87, 20.191, 359.270



83, 12.454, 40.983



45, 5.150, 358.057



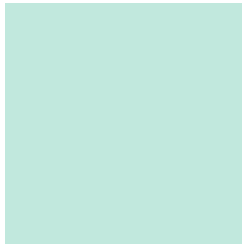
37, 67.637, 22.553



7, 26.646, 9.477

Previews

White Background



This preview shows how the CIELCh color 89, 14.829, 175.659 looks on a white background.

Color Contrast Check

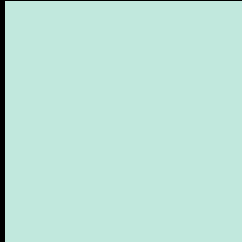
Large Text (above 18pt) WCAG AA × Fail

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, 14.829, 175.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

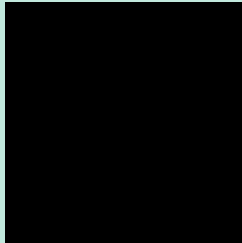
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

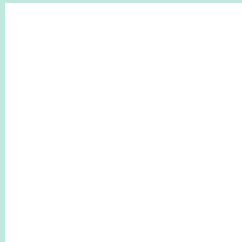
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 14.829, 175.659

Background



This preview shows how black text looks on a background with the CIELCh color 89, 14.829, 175.659.

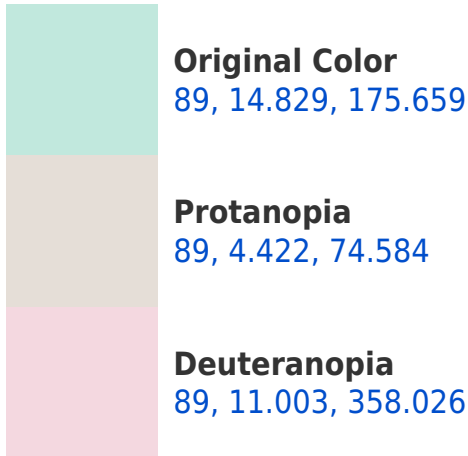


This preview shows how white text looks on a background with the CIELCh color 89, 14.829, 175.659.

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](#).

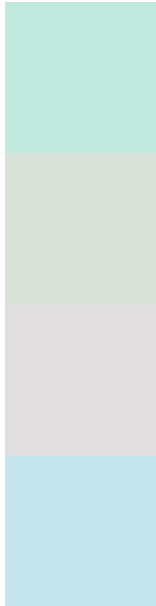
Dichromacy





Tritanopia
89, 13.491, 243.163

Trichromacy



Original Color
89, 14.829, 175.659

Protanomaly
89, 5.930, 147.063

Deuteranomaly
89, 1.206, 353.392

Tritanomaly
89, 11.803, 219.520

Monochromacy



Original Color
89, 14.829, 175.659

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 5.746, 177.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 14.829, 175.659 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(193, 232, 221)` looks like.

```
.text, #text, p{  
    color:rgb(193, 232, 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(193, 232, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 232, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 14.829, 175.659 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(193, 232, 221) }
```

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

```
.border{ border-color:rgb(193, 232, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 232, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 232, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 232, 221); box-shadow:4px 4px 4px 4px rgb(193, 232, 221) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 14.829, 175.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 232, 221) }
```

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

```
.background{ background-color: rgb(193,  
232, 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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