

Converting Colors

CIELCh(86, 20.718, 175.490)

Have a look what the booklet for
CIELCh(86, 20.718, 175.490)
contains.

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Color

CIELCh(86, 20.675, 175.545)

Conversions

Conversions Part 1

Format	Color
Hex	ABE2D3
RGB	171, 226, 211
RGB Percent	67%, 89%, 83%
CMY	0.3281, 0.1124, 0.1713
CMYK	0.24, 0.00, 0.07, 0.11
HSL	164°, 49%, 78%
HSV	164°, 24%, 89%
XYZ	55.9504, 67.9871, 72.0169
YIQ	207.8450, -27.9650, -16.3250

Conversions

Conversions Part 2

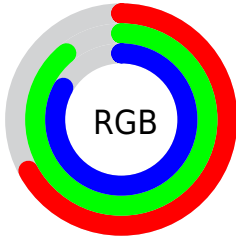
Format	Color
RYB	171, 203, 226
Decimal	11264723
CIELab	86.00, -20.61, 1.61
CIELCh	86, 20.675, 175.545
Yxy	67.9871, 0.2855, 0.3470
Android (android.graphics.Color)	4289454803 (0xFFABE2D3)
YUV	207.8450, 1.5554, -32.3131
Hunter-Lab	82.4543, -23.1716, 5.9332

Details

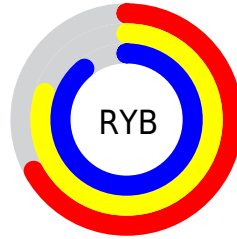
The CIELCh color **86, 20.675, 175.545** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75, 22.368, 0.457**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.514, 198.874**, and **66, 20.933, 175.806** is the 20% darker color. If you saturate the color by 10%, you get **85, 28.628, 174.439**, and if you desaturate by 10%, it is **88, 12.336, 176.574**.

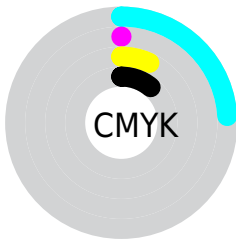
Distribution



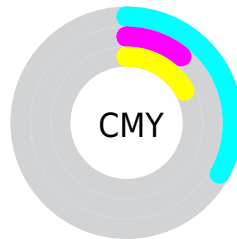
- Red (67%)
- Green (89%)
- Blue (83%)



- Red (67%)
- Yellow (80%)
- Blue (89%)



- Cyan (24%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)





- Cyan (33%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 20.675, 175.545 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 86, 20.675, 175.545 by changing the saturation by 10% instead.


 86, 20.675,
175.545


 86, 20.675,
175.545


 100, 20.675,
175.545


 76, 20.675,
175.545

 66, 20.675,
175.545

 56, 20.675,
175.545

 46, 20.675,
175.545

 36, 20.675,
175.545


 26, 20.675,
175.545


 16, 20.675,


175.545

 6, 20.675, 175.545


 0, 20.675, 175.545

 86, 20.675,
175.545


 86, 20.675,
175.545

 85, 28.628,
174.439

 88, 12.336,
176.574


 84, 36.044,
173.239

 89, 3.743, 177.622


 83, 42.780,
171.920

 91, 4.987, 358.265

 82, 48.708,
170.457

 93, 11.463,
354.407

 81, 53.737,

 93, 13.110,
341.749

168.823

93, 15.262,
332.341

81, 57.840,
167.000

93, 17.734,
325.467

80, 61.071,
164.981

93, 17.923,
325.046

80, 62.648,
163.786

Harmonies

Complementary

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



86, 20.675, 175.545



75, 22.368, 0.457

Rectangle

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



86, 20.675, 175.545



86, 20.675, 225.545



86, 20.675, 355.545



86, 20.675, 45.545

Sweetspot

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



86, 20.676, 175.542



99, 6.693, 177.313



86, 32.247, 135.112



52, 4.347, 177.249



0, 0.000, 0.000



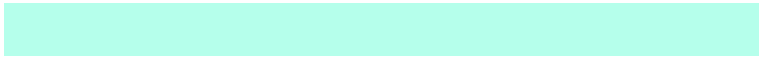
53, 0.007, 296.813

Same Dimension

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



86, 20.676, 175.542



95, 26.941, 175.013



83, 15.481, 222.660



46, 4.886, 177.065



64, 51.602, 164.170



17, 20.030, 168.139

Inverse Universe

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



75, 22.368, 0.457



81, 29.643, 1.120



78, 18.204, 40.916



44, 5.034, 358.713



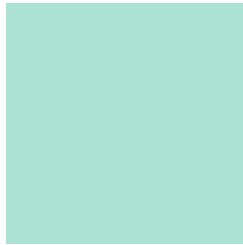
37, 67.220, 23.300



6, 25.318, 9.114

Previews

White Background



This preview shows how the CIELCh color 86, 20.675, 175.545 looks on a white background.

Color Contrast Check

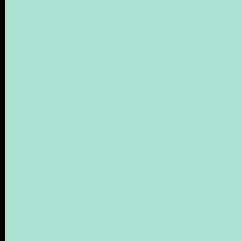
Large Text (above 18pt) WCAG AA × Fail

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 86, 20.675, 175.545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

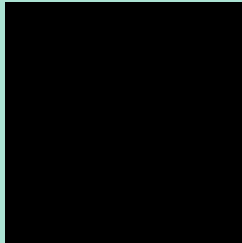
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

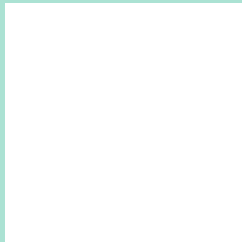
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 20.675, 175.545

Background



This preview shows how black text looks on a background with the CIELCh color 86, 20.675, 175.545.

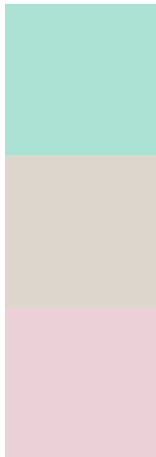


This preview shows how white text looks on a background with the CIELCh color 86, 20.675, 175.545.

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

86, 20.675, 175.545

Protanopia

86, 5.815, 83.306

Deuteranopia

86, 10.559, 359.913

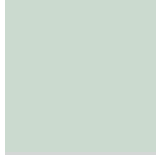


Tritanopia
86, 17.188, 232.119

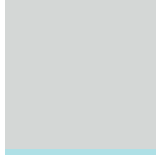
Trichromacy



Original Color
86, 20.675, 175.545



Protanomaly
86, 7.962, 152.553



Deuteranomaly
86, 1.201, 173.975

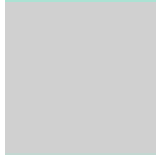


Tritanomaly
86, 16.511, 209.413

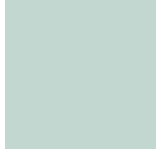
Monochromacy



Original Color
86, 20.675, 175.545



Achromatopsia
83, 0.010, 296.813



Achromatomaly
84, 7.853, 175.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 20.675, 175.545 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(171, 226, 211)` looks like.

```
.text, #text, p{  
    color:rgb(171, 226, 211)  
}
```

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(171, 226, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 226, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 20.675, 175.545 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(171, 226, 211) }
```

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

```
.border{ border-color:rgb(171, 226, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 226, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 226, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 226, 211);  
box-shadow:4px 4px 4px 4px rgb(171, 226,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 20.675, 175.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 226, 211) }
```

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

```
.background{ background-color: rgb(171,  
226, 211) }
```

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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