

Converting Colors

CIELCh(86, 10.973, 215.479)

Have a look what the booklet for
CIELCh(86, 10.973, 215.479)
contains.

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Color

CIELCh(86, 10.980, 215.481)

Conversions

Conversions Part 1

Format	Color
Hex	BEDDE3
RGB	190, 221, 227
RGB Percent	75%, 87%, 89%
CMY	0.2561, 0.1345, 0.1110
CMYK	0.16, 0.03, 0.00, 0.11
HSL	190°, 40%, 82%
HSV	190°, 16%, 89%
XYZ	60.7569, 67.9871, 82.3696
YIQ	212.4150, -20.4020, -4.7060

Conversions

Conversions Part 2

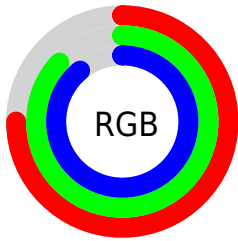
Format	Color
RYB	190, 207, 227
Decimal	12508643
CIELab	86.00, -8.94, -6.37
CIELCh	86, 10.980, 215.481
Yxy	67.9871, 0.2878, 0.3220
Android (android.graphics.Color)	4290698723 (0xFFBEDDE3)
YUV	212.4150, 7.1904, -19.6580
Hunter-Lab	82.4543, -12.7663, -1.5111

Details

The CIELCh color **86, 10.980, 215.481** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **81, 12.238, 35.171**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.770, 199.469**, and **66, 11.071, 216.140** is the 20% darker color. If you saturate the color by 10%, you get **84, 17.134, 215.786**, and if you desaturate by 10%, it is **88, 4.369, 215.368**.

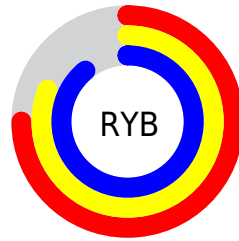
Distribution



Red (75%)

Green (87%)

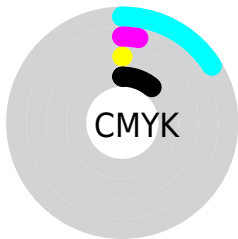
Blue (89%)



Red (75%)

Yellow (81%)

Blue (89%)

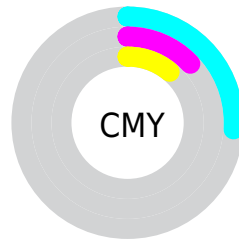


Cyan (16%)

Magenta (3%)

Yellow (0%)

Black (11%)



Cyan (26%)


Magenta (13%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 10.980, 215.481 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, 10.980, 215.481 by changing the saturation by 10% instead.


 86, 10.980,
215.481


 86, 10.980,
215.481


 100, 10.980,
215.481


 76, 10.980,
215.481

 66, 10.980,
215.481

 56, 10.980,
215.481

 46, 10.980,
215.481

 36, 10.980,
215.481

 26, 10.980,
215.481

 16, 10.980,

215.481

■ 6, 10.980, 215.481

■ 0, 10.980, 215.481

■ 86, 10.980,
215.481

■ 86, 10.980,
215.481

■ 84, 17.134,
215.786

■ 88, 4.369, 215.368

■ 81, 22.721,
216.300

■ 91, 2.600, 34.925

■ 94, 8.872, 36.753

■ 79, 27.630,
217.054

■ 94, 8.420, 51.642

■ 77, 31.758,
218.104

■ 95, 8.579, 67.019

■ 96, 9.315, 80.845

■ 76, 35.025,

219.515

97, 10.502, 92.058

74, 37.396,
221.359

98, 12.004,
100.693

73, 38.898,
223.704

99, 13.715,
107.256

72, 39.647,
226.598

71, 39.833,
227.746

Harmonies

Complementary

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



86, 10.980, 215.481



81, 12.238, 35.171

Rectangle

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



86, 10.980, 215.481



86, 10.980, 265.481



86, 10.980, 35.481



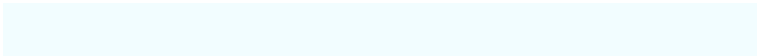
86, 10.980, 85.481

Sweetspot

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



86, 10.980, 215.471



99, 3.816, 215.388



87, 21.326, 147.769



52, 2.599, 215.375



0, 0.000, 0.000



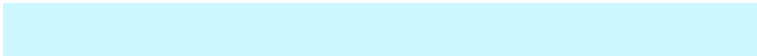
53, 0.007, 296.813

Same Dimension

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



86, 10.980, 215.471



94, 14.631, 215.570



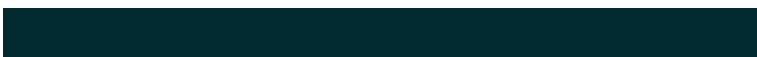
81, 13.404, 272.067



46, 3.863, 215.367



56, 32.961, 227.155



14, 13.608, 221.496

Inverse Universe

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



81, 21.200, 330.220



88, 28.619, 330.462



86, 13.490, 87.679



44, 7.290, 329.783



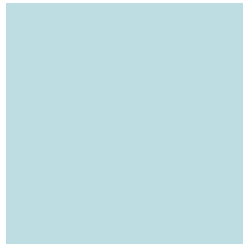
40, 77.125, 335.903



7, 32.196, 334.450

Previews

White Background



This preview shows how the CIE LCh color 86, 10.980, 215.481 looks on a white background.

Color Contrast Check

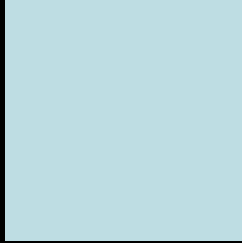
Large Text (above 18pt) WCAG AA × Fail

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, 10.980, 215.481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

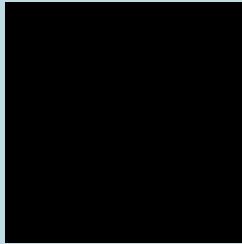
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

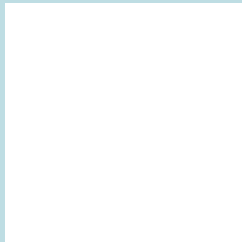
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 10.980, 215.481

Background



This preview shows how black text looks on a background with the CIELCh color 86, 10.980, 215.481.

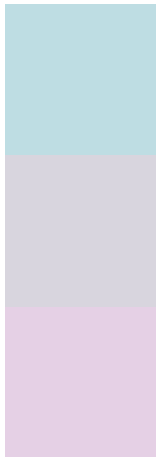


This preview shows how white text looks on a background with the CIELCh color 86, 10.980, 215.481.

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, 10.980, 215.481

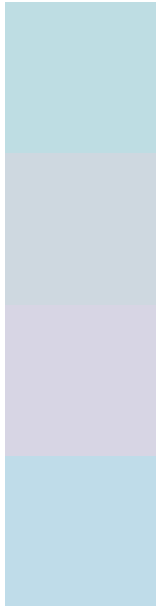
Protanopia
86, 4.867, 303.255

Deuteranopia
86, 13.385, 324.925



Tritanopia
86, 12.897, 246.278

Trichromacy



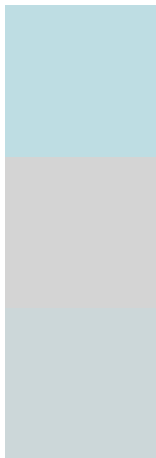
Original Color
86, 10.980, 215.481

Protanomaly
86, 5.420, 250.222

Deuteranomaly
86, 7.926, 295.933

Tritanomaly
86, 11.785, 234.385

Monochromacy



Original Color
86, 10.980, 215.481

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 4.024, 214.442

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 10.980, 215.481 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(190, 221, 227)` looks like.

```
.text, #text, p{  
    color:rgb(190, 221, 227)  
}
```

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(190, 221, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 221, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 10.980, 215.481 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(190, 221, 227) }
```

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

```
.border{ border-color:rgb(190, 221, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 221, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 221, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 221, 227); box-shadow:4px 4px 4px 4px rgb(190, 221, 227) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 10.980, 215.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 221, 227) }
```

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

```
.background{ background-color: rgb(190,  
221, 227) }
```

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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