

Converting Colors

CIELCh(86, 10.588, 172.626)

Have a look what the booklet for
CIELCh(86, 10.588, 172.626)
contains.

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Color

CIELCh(86, 10.744, 172.604)

Conversions

Conversions Part 1

Format	Color
Hex	C2DDD4
RGB	194, 221, 212
RGB Percent	76%, 87%, 83%
CMY	0.2389, 0.1330, 0.1683
CMYK	0.12, 0.00, 0.04, 0.13
HSL	160°, 28%, 81%
HSV	160°, 12%, 87%
XYZ	60.0346, 67.9871, 72.2936
YIQ	211.9010, -13.2030, -8.5230

Conversions

Conversions Part 2

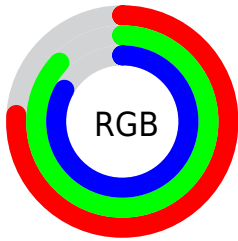
Format	Color
RYB	194, 210, 221
Decimal	12770772
CIELab	86.00, -10.65, 1.38
CIELCh	86, 10.744, 172.604
Yxy	67.9871, 0.2997, 0.3394
Android (android.graphics.Color)	4290960852 (0xFFC2DDD4)
YUV	211.9010, 0.0488, -15.6992
Hunter-Lab	82.4543, -14.3299, 5.7342

Details

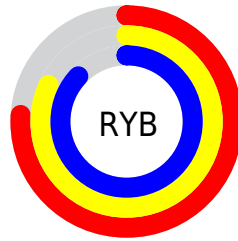
The CIELCh color **86, 10.744, 172.604** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 11.085, 354.815**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.389, 199.794**, and **66, 10.979, 171.440** is the 20% darker color. If you saturate the color by 10%, you get **84, 19.365, 171.568**, and if you desaturate by 10%, it is **88, 1.954, 173.743**.

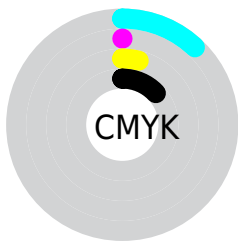
Distribution



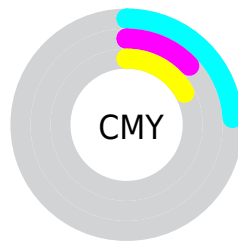
- Red (76%)
- Green (87%)
- Blue (83%)



- Red (76%)
- Yellow (82%)
- Blue (87%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)





- Cyan (24%)
- Magenta (13%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 10.744, 172.604 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, 10.744, 172.604 by changing the saturation by 10% instead.


 86, 10.744,
172.604


 86, 10.744,
172.604


 100, 10.744,
172.604


 76, 10.744,
172.604

 66, 10.744,
172.604

 56, 10.744,
172.604

 46, 10.744,
172.604

 36, 10.744,
172.604

 26, 10.744,
172.604

 16, 10.744,

172.604

■ 6, 10.744, 172.604

■ 0, 10.744, 172.604

■ 86, 10.744,
172.604

■ 86, 10.744,
172.604

■ 84, 19.365,
171.568

■ 88, 1.954, 173.743

■ 83, 27.682,
170.460

■ 90, 6.901, 354.285

■ 82, 35.553,
169.245

■ 91, 13.983,
351.480

■ 81, 42.828,
167.899

■ 91, 16.094,
339.458

■ 80, 49.369,

■ 92, 18.764,
330.611

166.397

92, 21.232,
325.163

79, 55.070,
164.712

79, 59.878,
162.827

79, 63.819,
160.735

78, 66.436,
159.017

Harmonies

Complementary

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



86, 10.744, 172.604



81, 11.085, 354.815

Rectangle

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



86, 10.744, 172.604



86, 10.744, 222.604



86, 10.744, 352.604



86, 10.744, 42.604

Sweetspot

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



86, 10.746, 172.598



99, 3.964, 173.463



86, 15.563, 133.617



53, 2.817, 173.371



0, 0.000, 0.000



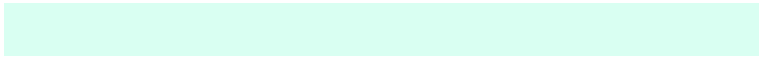
53, 0.007, 296.813

Same Dimension

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



86, 10.746, 172.598



97, 14.784, 172.305



85, 8.217, 213.999



45, 4.969, 172.880



63, 55.049, 159.416



16, 20.578, 163.923

Inverse Universe

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



81, 11.085, 354.815



90, 15.364, 355.132



82, 8.899, 33.856



43, 5.092, 354.518



36, 64.648, 17.749



6, 23.998, 5.141

Previews

White Background



This preview shows how the CIELCh color 86, 10.744, 172.604 looks on a white background.

Color Contrast Check

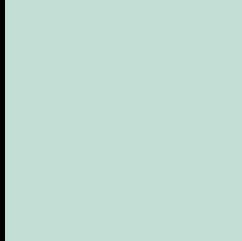
Large Text (above 18pt) WCAG AA × Fail

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 86, 10.744, 172.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

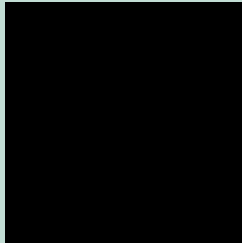
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

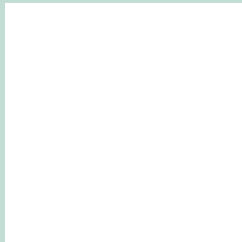
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 10.744, 172.604

Background



This preview shows how black text looks on a background with the CIELCh color 86, 10.744, 172.604.

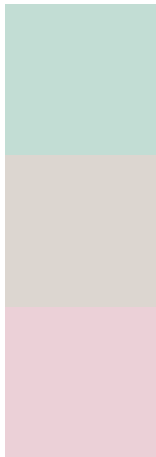


This preview shows how white text looks on a background with the CIELCh color 86, 10.744, 172.604.

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](#).

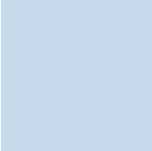
Dichromacy



Original Color
86, 10.744, 172.604

Protanopia
86, 3.813, 74.655

Deuteranopia
86, 10.559, 359.913



Tritanopia
86, 11.068, 253.034

Trichromacy



Original Color
86, 10.744, 172.604

Protanomaly
86, 4.735, 137.181

Deuteranomaly
86, 2.600, 7.758

Tritanomaly
86, 8.584, 228.358

Monochromacy



Original Color
86, 10.744, 172.604

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.936, 175.665

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 10.744, 172.604 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(194, 221, 212)` looks like.

```
.text, #text, p{  
    color:rgb(194, 221, 212)  
}
```

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(194, 221, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 221, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 10.744, 172.604 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(194, 221, 212) }
```

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

```
.border{ border-color:rgb(194, 221, 212) }
```

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

Here you see how a box with a 4 pixel rgb(194, 221, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 221, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 221, 212);  
box-shadow:4px 4px 4px 4px rgb(194, 221,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 10.744, 172.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 221, 212) }
```

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

```
.background{ background-color: rgb(194,  
221, 212) }
```

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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