

Converting Colors

CIELCh(85, 10.496, 210.446)

Have a look what the booklet for
CIELCh(85, 10.496, 210.446)
contains.

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Color

CIELCh(85, 10.496, 210.361)

Conversions

Conversions Part 1

Format	Color
Hex	BCDADE
RGB	188, 218, 222
RGB Percent	74%, 85%, 87%
CMY	0.2633, 0.1456, 0.1300
CMYK	0.15, 0.02, 0.00, 0.13
HSL	187°, 34%, 80%
HSV	187°, 15%, 87%
XYZ	58.9032, 66.0070, 78.6412
YIQ	209.4860, -19.1640, -5.1160

Conversions

Conversions Part 2

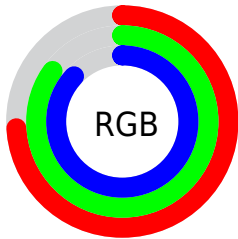
Format	Color
R _Y B	188, 204, 222
Decimal	12376798
CIE Lab	85.00, -9.06, -5.31
CIE LCh	85, 10.496, 210.361
Yxy	66.0070, 0.2894, 0.3243
Android (android.graphics.Color)	4290566878 (0xFFBCDADE)
YUV	209.4860, 6.1694, -18.8432
Hunter-Lab	81.2447, -12.7641, -0.5188

Details

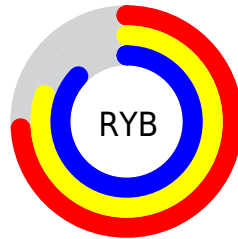
The CIELCh color `85, 10.496, 210.361` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `80, 11.626, 30.696`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 3.457, 199.378`, and `65, 10.577, 210.765` is the 20% darker color. If you saturate the color by 10%, you get `83, 16.783, 210.398`, and if you desaturate by 10%, it is `87, 3.747, 210.498`.

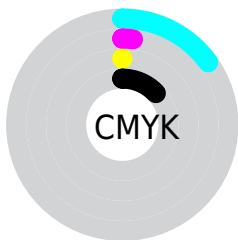
Distribution



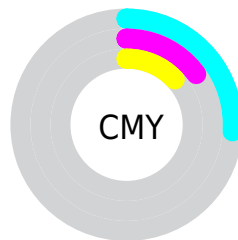
- Red (74%)
- Green (85%)
- Blue (87%)



- Red (74%)
- Yellow (80%)
- Blue (87%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)





- Cyan (26%)
- Magenta (15%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 10.496, 210.361 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 85, 10.496, 210.361 by changing the saturation by 10% instead.


 85, 10.496,
210.361


 85, 10.496,
210.361


 100, 10.496,
210.361


 75, 10.496,
210.361

 65, 10.496,
210.361

 55, 10.496,
210.361

 45, 10.496,
210.361

 35, 10.496,
210.361

 25, 10.496,
210.361

 15, 10.496,

210.361

■ 5, 10.496, 210.361

■ 0, 10.496, 210.361

■ 85, 10.496,
210.361

■ 85, 10.496,
210.361

■ 83, 16.783,
210.398

■ 87, 3.747, 210.498

■ 81, 22.492,
210.598

■ 90, 3.363, 30.290

■ 79, 27.508,
210.979

■ 92, 10.742, 30.610

■ 78, 31.723,
211.578

■ 93, 10.364, 38.555

■ 76, 35.050,

■ 93, 10.006, 47.468

■ 94, 9.906, 56.786

212.439

95, 10.073, 66.025

75, 37.443,
213.612

95, 10.492, 74.727

74, 38.914,
215.144

96, 11.132, 82.576

73, 39.551,
217.074

73, 39.681,
218.073

Harmonies

Complementary

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



85, 10.496, 210.361



80, 11.626, 30.696

Rectangle

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



85, 10.496, 210.361



85, 10.496, 260.361



85, 10.496, 30.361



85, 10.496, 80.361

Sweetspot

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



85, 10.497, 210.351



99, 3.943, 210.509



85, 20.144, 146.804



53, 2.685, 210.482



0, 0.000, 0.000



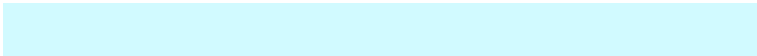
53, 0.007, 296.813

Same Dimension

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



85, 10.497, 210.351



96, 13.685, 210.349



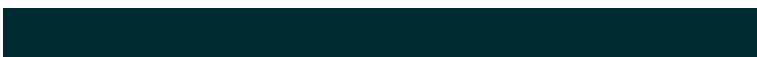
81, 11.914, 269.085



46, 3.991, 210.399



59, 33.406, 217.696



15, 13.900, 213.810

Inverse Universe

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



80, 20.171, 328.697



89, 26.553, 328.868



84, 12.062, 84.936



44, 7.521, 328.339



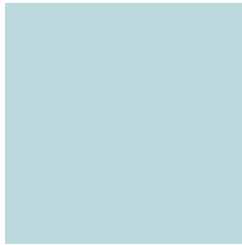
41, 79.813, 333.522



7, 33.188, 332.552

Previews

White Background



This preview shows how the CIELCh color 85, 10.496, 210.361 looks on a white background.

Color Contrast Check

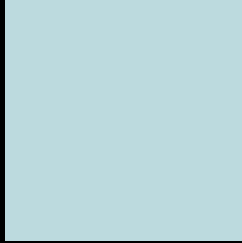
Large Text (above 18pt) WCAG AA × Fail

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 85, 10.496, 210.361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

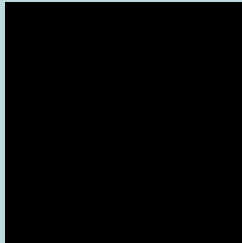
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

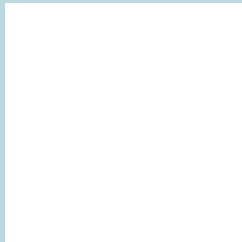
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 10.496, 210.361

Background



This preview shows how black text looks on a background with the CIELCh color 85, 10.496, 210.361.

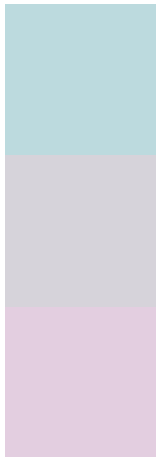


This preview shows how white text looks on a background with the CIELCh color 85, 10.496, 210.361.

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](#).

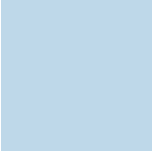
Dichromacy



Original Color
85, 10.496, 210.361

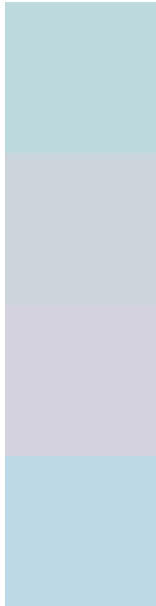
Protanopia
85, 3.858, 306.660

Deuteranopia
85, 12.150, 329.136



Tritanopia
85, 12.346, 245.610

Trichromacy



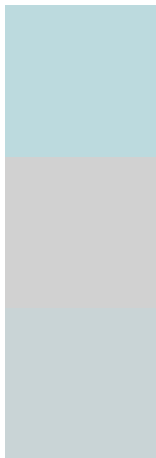
Original Color
85, 10.496, 210.361

Protanomaly
85, 4.442, 244.745

Deuteranomaly
85, 6.949, 299.555

Tritanomaly
85, 11.272, 233.069

Monochromacy



Original Color
85, 10.496, 210.361

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 4.034, 214.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 10.496, 210.361 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(188, 218, 222)` looks like.

```
.text, #text, p{  
    color:rgb(188, 218, 222)  
}
```

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(188, 218, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 218, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 10.496, 210.361 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(188, 218, 222) }
```

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

```
.border{ border-color:rgb(188, 218, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 218, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 218, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 218, 222); box-shadow:4px 4px 4px 4px rgb(188, 218, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 10.496, 210.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 218, 222) }
```

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

```
.background{ background-color: rgb(188,  
218, 222) }
```

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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