

Converting Colors

CIELCh(85, 10.165, 210.757)

Have a look what the booklet for
CIELCh(85, 10.165, 210.757)
contains.

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Color

CIELCh(85, 10.172, 210.757)

Conversions

Conversions Part 1

Format	Color
Hex	BDDADE
RGB	189, 218, 222
RGB Percent	74%, 85%, 87%
CMY	0.2601, 0.1464, 0.1307
CMYK	0.15, 0.02, 0.00, 0.13
HSL	187°, 33%, 80%
HSV	187°, 15%, 87%
XYZ	59.0340, 66.0070, 78.5056
YIQ	209.7850, -18.5680, -4.9040

Conversions

Conversions Part 2

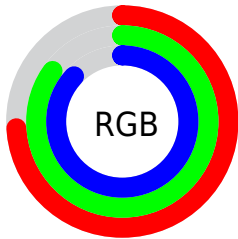
Format	Color
RYB	189, 204, 222
Decimal	12442334
CIELab	85.00, -8.74, -5.20
CIELCh	85, 10.172, 210.757
Yxy	66.0070, 0.2900, 0.3243
Android (android.graphics.Color)	4290632414 (0xFFBDDADE)
YUV	209.7850, 6.0220, -18.2284
Hunter-Lab	81.2447, -12.4767, -0.4198

Details

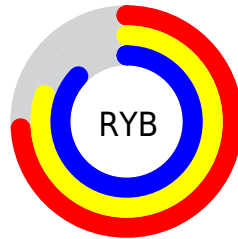
The CIELCh color `85, 10.172, 210.757` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `80, 11.232, 31.026`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 3.114, 199.421`, and `65, 10.246, 211.192` is the 20% darker color. If you saturate the color by 10%, you get `83, 16.460, 210.806`, and if you desaturate by 10%, it is `87, 3.428, 210.894`.

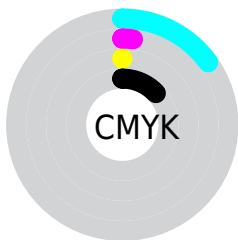
Distribution



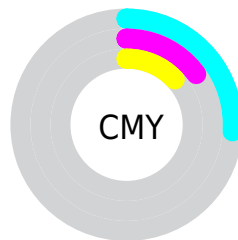
- Red (74%)
- Green (85%)
- Blue (87%)



- 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, 10.172, 210.757 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, 10.172, 210.757 by changing the saturation by 10% instead.


 85, 10.172,
210.757


 85, 10.172,
210.757


 100, 10.172,
210.757


 75, 10.172,
210.757

 65, 10.172,
210.757

 55, 10.172,
210.757

 45, 10.172,
210.757

 35, 10.172,
210.757

 25, 10.172,
210.757

 15, 10.172,

210.757

■ 5, 10.172, 210.757

■ 0, 10.172, 210.757

■ 85, 10.172,
210.757

■ 85, 10.172,
210.757

■ 83, 16.460,
210.806

■ 87, 3.428, 210.894

■ 81, 22.178,
211.022

■ 90, 3.670, 30.675

■ 92, 10.966, 31.034

■ 79, 27.212,
211.420

■ 93, 10.376, 39.448

■ 78, 31.452,
212.040

■ 93, 10.036, 48.639

■ 94, 9.972, 58.194

■ 76, 34.812,

212.928

95, 10.187, 67.590

75, 37.244,
214.133

95, 10.663, 76.353

74, 38.755,
215.707

96, 11.365, 84.180

73, 39.433,
217.691

72, 39.581,
218.823

Harmonies

Complementary

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



85, 10.172, 210.757



80, 11.232, 31.026

Rectangle

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



85, 10.172, 210.757



85, 10.172, 260.757



85, 10.172, 30.757



85, 10.172, 80.757

Sweetspot

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



85, 10.173, 210.747



99, 3.153, 210.938



85, 19.548, 146.836



53, 2.237, 210.898



0, 0.000, 0.000



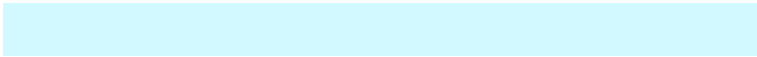
53, 0.007, 296.813

Same Dimension

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



85, 10.173, 210.747



96, 13.647, 210.750



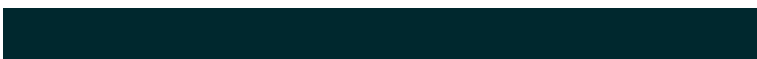
81, 11.562, 269.017



45, 3.906, 210.784



58, 32.985, 218.406



14, 13.427, 214.156

Inverse Universe

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



80, 19.526, 328.783



89, 26.488, 328.982



84, 11.700, 84.993



43, 7.362, 328.449



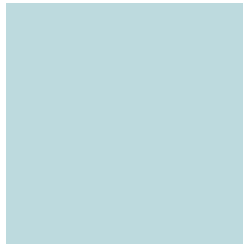
40, 78.745, 333.698



7, 31.743, 332.582

Previews

White Background



This preview shows how the CIE LCh color 85, 10.172, 210.757 looks on a white background.

Color Contrast Check

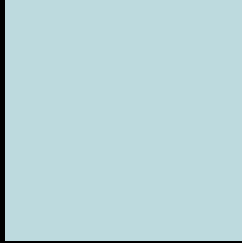
Large Text (above 18pt) WCAG AA × Fail

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 85, 10.172, 210.757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

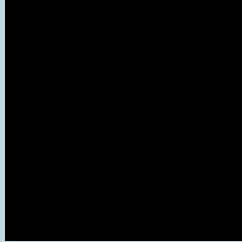
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

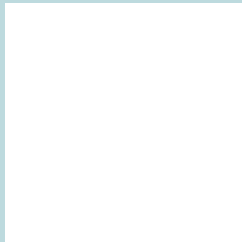
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 10.172, 210.757

Background



This preview shows how black text looks on a background with the CIELCh color 85, 10.172, 210.757.



This preview shows how white text looks on a background with the CIELCh color 85, 10.172, 210.757.

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, 10.172, 210.757

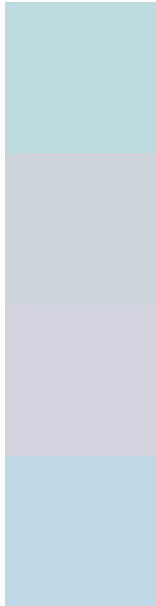
Protanopia
85, 3.858, 306.660

Deuteranopia
85, 12.150, 329.136



Tritanopia
85, 12.124, 246.735

Trichromacy



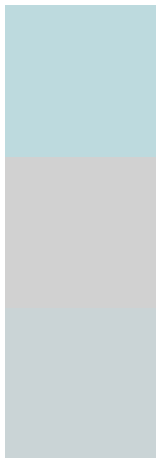
Original Color
85, 10.172, 210.757

Protanomaly
85, 4.204, 248.155

Deuteranomaly
85, 6.949, 299.555

Tritanomaly
85, 11.004, 234.038

Monochromacy



Original Color
85, 10.172, 210.757

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 3.696, 215.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 10.172, 210.757 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(189, 218, 222)` looks like.

```
.text, #text, p{  
    color:rgb(189, 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(189, 218, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 218, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 10.172, 210.757 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(189, 218, 222) }
```

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

```
.border{ border-color:rgb(189, 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(189, 218, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 218, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 218, 222);  
box-shadow:4px 4px 4px 4px rgb(189, 218,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 10.172, 210.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 218, 222) }
```

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

```
.background{ background-color: rgb(189,  
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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