

Converting Colors

CIELCh(85, 9.798, 201.787)

Have a look what the booklet for
CIELCh(85, 9.798, 201.787) contains.

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Color

CIELCh(85, 9.735, 201.888)

Conversions

Conversions Part 1

Format	Color
Hex	BEDADB
RGB	190, 218, 219
RGB Percent	75%, 85%, 86%
CMY	0.2560, 0.1462, 0.1423
CMYK	0.13, 0.00, 0.00, 0.14
HSL	182°, 29%, 80%
HSV	182°, 13%, 86%
XYZ	58.9128, 66.0070, 76.4582
YIQ	209.7420, -17.0090, -5.6250

Conversions

Conversions Part 2

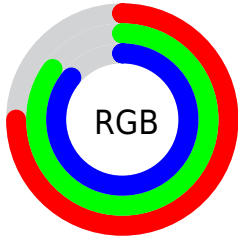
Format	Color
RYB	190, 204, 219
Decimal	12507867
CIELab	85.00, -9.03, -3.63
CIELCh	85, 9.735, 201.888
Yxy	66.0070, 0.2925, 0.3278
Android (android.graphics.Color)	4290697947 (0xFFBEDADB)
YUV	209.7420, 4.5642, -17.3137
Hunter-Lab	81.2447, -12.7429, 1.0743

Details

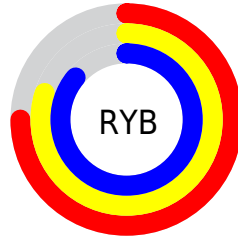
The CIELCh color **85, 9.735, 201.888** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **80, 10.612, 23.045**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.770, 199.469**, and **65, 9.806, 201.863** is the 20% darker color. If you saturate the color by 10%, you get **83, 16.550, 201.500**, and if you desaturate by 10%, it is **87, 2.453, 202.470**.

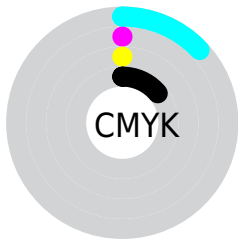
Distribution



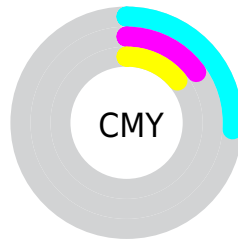
- Red (75%)
- Green (85%)
- Blue (86%)



- Red (75%)
- Yellow (80%)
- Blue (86%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (26%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 9.735, 201.888 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, 9.735, 201.888 by changing the saturation by 10% instead.

■ 85, 9.735, 201.888

■ 85, 9.735, 201.888

■ 100, 9.735,
201.888

■ 75, 9.735, 201.888

■ 65, 9.735, 201.888

■ 55, 9.735, 201.888

■ 45, 9.735, 201.888

■ 35, 9.735, 201.888

■ 25, 9.735, 201.888

■ 15, 9.735, 201.888

■ 5, 9.735, 201.888

■ 0, 9.735, 201.888

85, 9.735, 201.888

85, 9.735, 201.888

83, 16.550,
201.500

87, 2.453, 202.470

82, 22.775,
201.208

89, 5.186, 22.570

81, 28.285,
201.004

91, 12.953, 23.149

80, 32.968,
200.900

91, 12.704, 24.925

79, 36.733,
200.908

91, 12.467, 26.769

78, 39.529,
201.039

91, 12.244, 28.683

78, 41.357,
201.300

91, 12.036, 30.666

77, 42.288,
201.696

91, 11.843, 32.716

92, 11.665, 34.830

■ 77, 42.553,
202.022

Harmonies

Complementary

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



85, 9.735, 201.888



80, 10.612, 23.045

Rectangle

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



85, 9.735, 201.888



85, 9.735, 251.888



85, 9.735, 21.888



85, 9.735, 71.888

Sweetspot

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



85, 9.736, 201.878



99, 3.406, 202.390



85, 18.240, 144.542



53, 2.417, 202.326



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, 9.736, 201.878



97, 13.197, 201.759



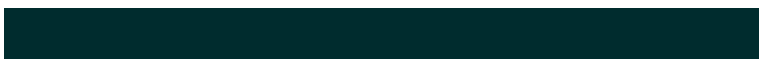
81, 9.362, 260.798



45, 4.222, 202.053



62, 35.809, 201.930



16, 14.493, 200.934

Inverse Universe

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



80, 18.250, 326.095



90, 24.975, 326.259



83, 9.610, 77.241



43, 7.816, 325.874



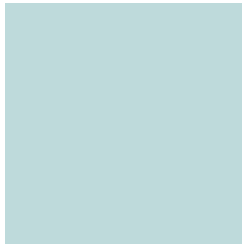
41, 84.260, 329.640



7, 33.743, 329.323

Previews

White Background



This preview shows how the CIELCh color 85, 9.735, 201.888 looks on a white background.

Color Contrast Check

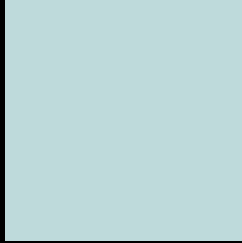
Large Text (above 18pt) WCAG AA × Fail

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, 9.735, 201.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

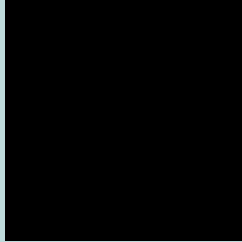
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

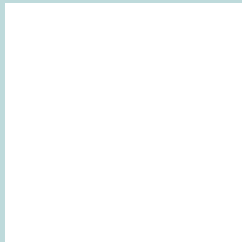
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 9.735, 201.888

Background



This preview shows how black text looks on a background with the CIELCh color 85, 9.735, 201.888.



This preview shows how white text looks on a background with the CIELCh color 85, 9.735, 201.888.

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





Tritanopia
85, 11.907, 247.904

Trichromacy



Original Color
85, 9.735, 201.888

Protanomaly
85, 2.931, 232.066

Deuteranomaly
85, 5.481, 305.709

Tritanomaly
85, 10.467, 232.592

Monochromacy



Original Color
85, 9.735, 201.888

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 3.597, 207.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 9.735, 201.888 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, 218, 219)` looks like.

```
.text, #text, p{  
    color:rgb(190, 218, 219)  
}
```

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, 218, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 218, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 9.735, 201.888 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, 218, 219) }
```

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

```
.border{ border-color:rgb(190, 218, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 218, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 218, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 218, 219);  
box-shadow:4px 4px 4px 4px rgb(190, 218,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 9.735, 201.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 218, 219) }
```

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

```
.background{ background-color: rgb(190,  
218, 219) }
```

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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