

Converting Colors

CIELCh(85, 9.108, 198.820)

Have a look what the booklet for
CIELCh(85, 9.108, 198.820) contains.

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Color

CIELCh(85, 9.086, 198.822)

Conversions

Conversions Part 1

Format	Color
Hex	BFD9D9
RGB	191, 217, 217
RGB Percent	75%, 85%, 85%
CMY	0.2493, 0.1473, 0.1474
CMYK	0.12, 0.00, 0.00, 0.15
HSL	180°, 26%, 80%
HSV	180°, 12%, 85%
XYZ	59.0926, 66.0070, 75.5614
YIQ	209.2260, -15.4960, -5.5120

Conversions

Conversions Part 2

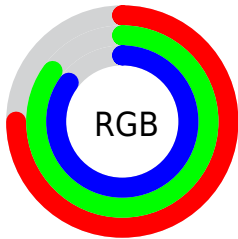
Format	Color
RYB	191, 204, 217
Decimal	12573145
CIELab	85.00, -8.60, -2.93
CIElCh	85, 9.086, 198.822
Yxy	66.0070, 0.2945, 0.3289
Android (android.graphics.Color)	4290763225 (0xFFBFD9D9)
YUV	209.2260, 3.8326, -15.9842
Hunter-Lab	81.2447, -12.3480, 1.7288

Details

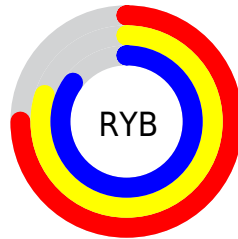
The CIELCh color `85, 9.086, 198.822` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 9.806, 20.122`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 2.426, 199.524`, and `65, 9.144, 198.648` is the 20% darker color. If you saturate the color by 10%, you get `84, 16.186, 198.286`, and if you desaturate by 10%, it is `87, 1.527, 199.669`.

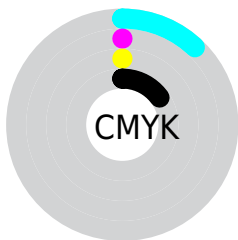
Distribution



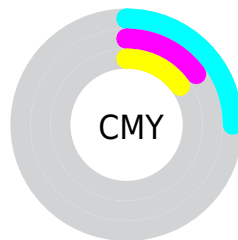
- Red (75%)
- Green (85%)
- Blue (85%)



- Red (75%)
- Yellow (80%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 9.086, 198.822 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, 9.086, 198.822 by changing the saturation by 10% instead.

■ 85, 9.086, 198.822

■ 85, 9.086, 198.822

■ 100, 9.086,
198.822

■ 75, 9.086, 198.822

■ 65, 9.086, 198.822

■ 55, 9.086, 198.822

■ 45, 9.086, 198.822

■ 35, 9.086, 198.822

■ 25, 9.086, 198.822

■ 15, 9.086, 198.822

■ 5, 9.086, 198.822

■ 0, 9.086, 198.822

85, 9.086, 198.822

85, 9.086, 198.822

84, 16.186,
198.286

87, 1.527, 199.669

82, 22.699,
197.826

88, 6.378, 19.763

81, 28.501,
197.427

90, 13.902, 20.362

81, 33.475,
197.091

90, 13.902, 20.356

80, 37.532,
196.821

90, 13.902, 20.350

80, 40.619,
196.617

90, 13.902, 20.344

79, 42.737,
196.478

90, 13.902, 20.337

79, 43.951,
196.398

90, 13.902, 20.331

90, 13.902, 20.325

■ 79, 44.437,
196.365

Harmonies

Complementary

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



85, 9.086, 198.822



80, 9.806, 20.122

Rectangle

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



85, 9.086, 198.822



85, 9.086, 248.822



85, 9.086, 18.822



85, 9.086, 68.822

Sweetspot

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



85, 9.087, 198.811



99, 3.526, 199.358



84, 16.655, 143.311



53, 2.501, 199.287



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, 9.087, 198.811



98, 12.029, 198.691



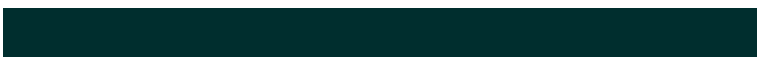
82, 8.063, 255.210



45, 4.371, 198.960



64, 37.535, 196.366



16, 15.075, 196.369

Inverse Universe

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



80, 9.806, 20.122



90, 13.171, 20.300



83, 8.330, 72.110



43, 4.639, 19.920



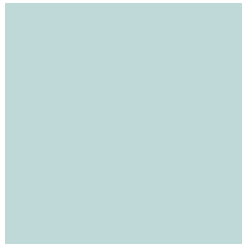
36, 78.229, 39.923



5, 23.840, 20.263

Previews

White Background



This preview shows how the CIELCh color 85, 9.086, 198.822 looks on a white background.

Color Contrast Check

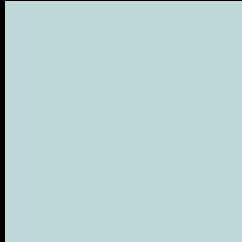
Large Text (above 18pt) WCAG AA × Fail

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, 9.086, 198.822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

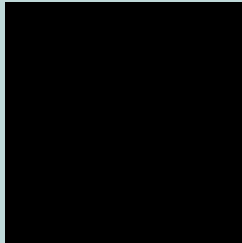
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

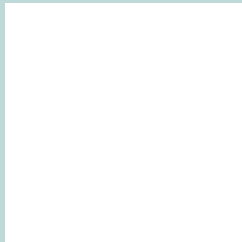
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 9.086, 198.822

Background



This preview shows how black text looks on a background with the CIELCh color 85, 9.086, 198.822.

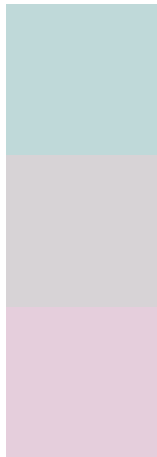


This preview shows how white text looks on a background with the CIELCh color 85, 9.086, 198.822.

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, 9.086, 198.822

Protanopia

85, 2.159, 332.301

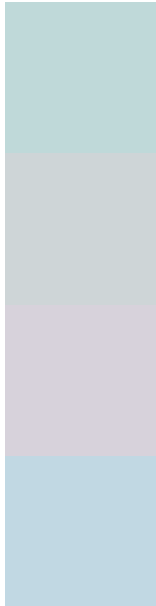
Deuteranopia

85, 11.142, 338.950



Tritanopia
85, 11.291, 251.702

Trichromacy



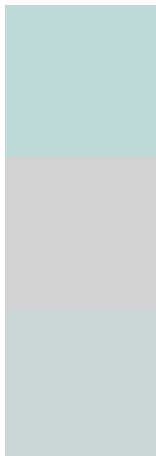
Original Color
85, 9.086, 198.822

Protanomaly
85, 2.697, 222.441

Deuteranomaly
85, 5.093, 311.129

Tritanomaly
85, 9.664, 235.899

Monochromacy



Original Color
85, 9.086, 198.822

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 3.571, 199.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 9.086, 198.822 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(191, 217, 217)` looks like.

```
.text, #text, p{  
    color:rgb(191, 217, 217)  
}
```

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(191, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 217, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 9.086, 198.822 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(191, 217, 217) }
```

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

```
.border{ border-color:rgb(191, 217, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 217, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(191, 217,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 9.086, 198.822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 217, 217) }
```

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

```
.background{ background-color: rgb(191,  
217, 217) }
```

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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