

Converting Colors

CIELCh(86, 9.360, 184.266)

Have a look what the booklet for
CIELCh(86, 9.360, 184.266) contains.

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Color

CIELCh(86, 9.086, 185.435)

Conversions

Conversions Part 1

Format	Color
Hex	C3DCD8
RGB	195, 220, 216
RGB Percent	76%, 86%, 85%
CMY	0.2340, 0.1359, 0.1516
CMYK	0.11, 0.00, 0.02, 0.14
HSL	170°, 27%, 82%
HSV	170°, 11%, 86%
XYZ	60.7129, 67.9871, 75.1185
YIQ	212.0690, -13.6160, -6.5440

Conversions

Conversions Part 2

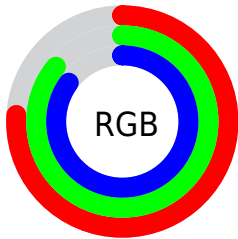
Format	Color
RYB	195, 209, 220
Decimal	12836056
CIELab	86.00, -9.05, -0.86
CIELCh	86, 9.086, 185.435
Yxy	67.9871, 0.2979, 0.3336
Android (android.graphics.Color)	4291026136 (0xFFC3DCD8)
YUV	212.0690, 1.9380, -14.9695
Hunter-Lab	82.4543, -12.8616, 3.7029

Details

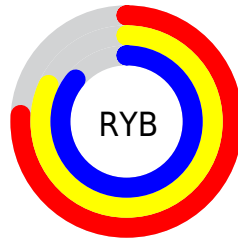
The CIELCh color `86, 9.086, 185.435` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 9.556, 7.330`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 1.042, 199.975`, and `66, 9.183, 184.635` is the 20% darker color. If you saturate the color by 10%, you get `85, 16.769, 184.506`, and if you desaturate by 10%, it is `88, 1.094, 186.735`.

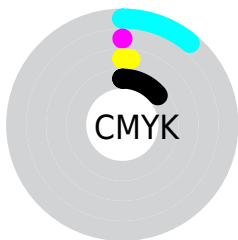
Distribution



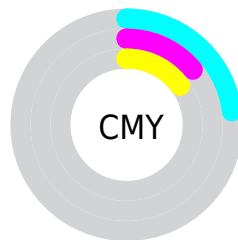
- Red (76%)
- Green (86%)
- Blue (85%)



- Red (76%)
- Yellow (82%)
- Blue (86%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (23%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 9.086, 185.435 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, 9.086, 185.435 by changing the saturation by 10% instead.

86, 9.086, 185.435

86, 9.086, 185.435

100, 9.086,
185.435

76, 9.086, 185.435

66, 9.086, 185.435

56, 9.086, 185.435

46, 9.086, 185.435

36, 9.086, 185.435

26, 9.086, 185.435

16, 9.086, 185.435

6, 9.086, 185.435

0, 9.086, 185.435

86, 9.086, 185.435

86, 9.086, 185.435

85, 16.769,
184.506

88, 1.094, 186.735

83, 24.012,
183.565

89, 7.100, 6.975

82, 30.679,
182.577

91, 13.076, 5.302

81, 36.634,
181.525

91, 13.603,
357.844

80, 41.761,
180.391

91, 14.350,
351.065

80, 45.972,
179.153

91, 15.283,
345.050

79, 49.237,
177.789

91, 16.371,
339.798

79, 51.594,
176.279

91, 17.584,
335.255

91, 18.899,

■ 79, 53.071,
174.878

331.341

Harmonies

Complementary

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



86, 9.086, 185.435



81, 9.556, 7.330

Rectangle

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



86, 9.086, 185.435



86, 9.086, 235.435



86, 9.086, 5.435



86, 9.086, 55.435

Sweetspot

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



86, 9.087, 185.426



99, 2.734, 186.310



86, 15.219, 139.263



53, 2.071, 186.193



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, 9.087, 185.426



97, 12.559, 185.171



84, 7.211, 236.802



45, 4.541, 185.606



63, 44.239, 175.165



16, 17.183, 178.328

Inverse Universe

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



81, 9.556, 7.330



91, 13.375, 7.629



83, 7.635, 54.739



43, 4.735, 7.127



36, 71.277, 32.025



5, 23.723, 13.347

Previews

White Background



This preview shows how the CIELCh color 86, 9.086, 185.435 looks on a white background.

Color Contrast Check

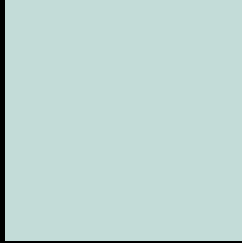
Large Text (above 18pt) WCAG AA × Fail

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 86, 9.086, 185.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

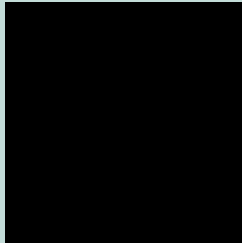
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

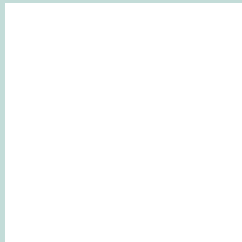
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 9.086, 185.435

Background



This preview shows how black text looks on a background with the CIELCh color 86, 9.086, 185.435.



This preview shows how white text looks on a background with the CIELCh color 86, 9.086, 185.435.

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](#).

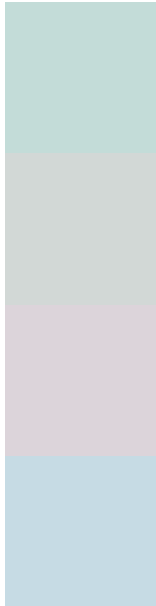
Dichromacy





Tritanopia
86, 10.876, 254.448

Trichromacy



Original Color
86, 9.086, 185.435

Protanomaly
86, 2.405, 173.647

Deuteranomaly
86, 4.299, 332.493

Tritanomaly
86, 8.546, 232.663

Monochromacy



Original Color
86, 9.086, 185.435

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.267, 190.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 9.086, 185.435 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(195, 220, 216)` looks like.

```
.text, #text, p{  
    color:rgb(195, 220, 216)  
}
```

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(195, 220, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 220, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 9.086, 185.435 is called "border". The border property can be set on classes, ids or directly on the HTML element.

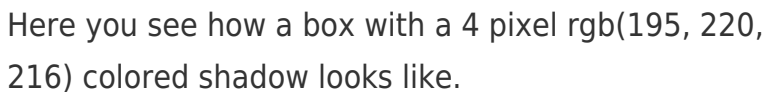
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 220, 216) }
```

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

```
.border{ border-color:rgb(195, 220, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 220, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 220, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 220, 216); box-shadow:4px 4px 4px 4px rgb(195, 220, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 9.086, 185.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 220, 216) }
```

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

```
.background{ background-color: rgb(195,  
220, 216) }
```

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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