

Converting Colors

CIELCh(85, 6.932, 160.162)

Have a look what the booklet for
CIELCh(85, 6.932, 160.162) contains.

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Color

CIELCh(85, 6.886, 161.400)

Conversions

Conversions Part 1

Format	Color
Hex	C9D8D0
RGB	201, 216, 208
RGB Percent	79%, 85%, 82%
CMY	0.2122, 0.1534, 0.1847
CMYK	0.07, 0.00, 0.04, 0.15
HSL	148°, 16%, 82%
HSV	148°, 7%, 85%
XYZ	59.9582, 66.0070, 69.1851
YIQ	210.6030, -6.3720, -5.6680

Conversions

Conversions Part 2

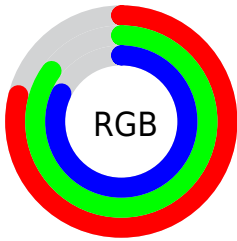
Format	Color
R_{YB}	201, 211, 216
Decimal	13228240
CIE Lab	85.00, -6.53, 2.20
CIE LCh	85, 6.886, 161.400
Yxy	66.0070, 0.3072, 0.3382
Android (android.graphics.Color)	4291418320 (0xFFC9D8D0)
YUV	210.6030, -1.2833, -8.4218
Hunter-Lab	81.2447, -10.4460, 6.3820

Details

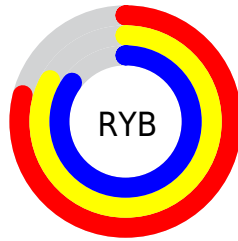
The CIELCh color `85, 6.886, 161.400` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82, 6.950, 342.389`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 6.630, 162.993` is the 20% darker color. If you saturate the color by 10%, you get `83, 16.821, 160.481`, and if you desaturate by 10%, it is `87, 3.024, 341.986`.

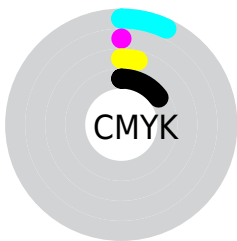
Distribution



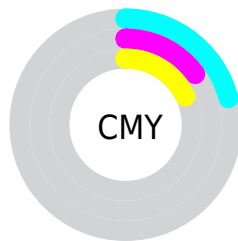
- Red (79%)
- Green (85%)
- Blue (82%)



- Red (79%)
- Yellow (83%)
- Blue (85%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 6.886, 161.400 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, 6.886, 161.400 by changing the saturation by 10% instead.

■ 85, 6.886, 161.400

■ 85, 6.886, 161.400

■ 100, 6.886,
161.400

■ 75, 6.886, 161.400

■ 65, 6.886, 161.400

■ 55, 6.886, 161.400

■ 45, 6.886, 161.400

■ 35, 6.886, 161.400

■ 25, 6.886, 161.400

■ 15, 6.886, 161.400

■ 5, 6.886, 161.400

■ 0, 6.886, 161.400

85, 6.886, 161.400

85, 6.886, 161.400

83, 16.821,
160.481

87, 3.024, 341.986

82, 26.655,
159.488

89, 12.823,
342.808

80, 36.246,
158.374

90, 19.585,
336.230

79, 45.430,
157.113

91, 24.059,
326.003

78, 54.036,
155.678

91, 24.495,
325.277

77, 61.902,
154.048

77, 68.907,
152.207

76, 74.987,
150.157

■ 76, 80.178,
147.937

Harmonies

Complementary

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



85, 6.886, 161.400



82, 6.950, 342.389

Rectangle

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



85, 6.886, 161.400



85, 6.886, 211.400



85, 6.886, 341.400



85, 6.886, 31.400

Sweetspot

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



85, 6.888, 161.395



100, 2.260, 161.943



85, 8.254, 126.997



53, 1.285, 161.962



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, 6.888, 161.395



98, 9.081, 161.292



85, 5.344, 194.892



44, 5.594, 161.171



61, 68.017, 147.669



14, 24.083, 152.738

Inverse Universe

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



82, 6.950, 342.389



95, 9.171, 342.491



82, 5.561, 15.657



42, 5.656, 342.611



37, 63.266, 358.612



5, 23.893, 351.985

Previews

White Background



This preview shows how the CIELCh color 85, 6.886, 161.400 looks on a white background.

Color Contrast Check

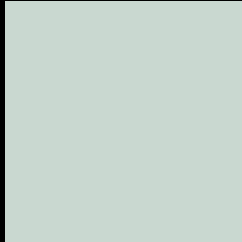
Large Text (above 18pt) WCAG AA × Fail

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, 6.886, 161.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

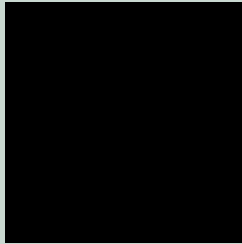
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

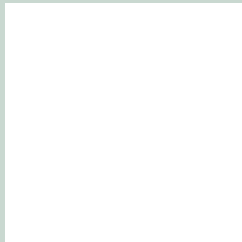
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 6.886, 161.400

Background



This preview shows how black text looks on a background with the CIELCh color 85, 6.886, 161.400.

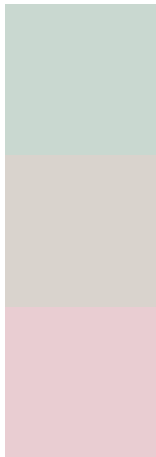


This preview shows how white text looks on a background with the CIELCh color 85, 6.886, 161.400.

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, 6.886, 161.400

Protanopia
85, 3.823, 74.648

Deuteranopia
85, 10.663, 5.985



Tritanopia
85, 8.913, 270.431

Trichromacy



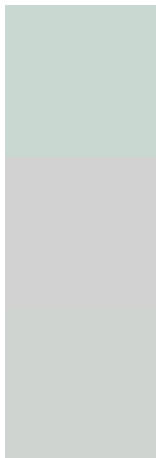
Original Color
85, 6.886, 161.400

Protanomaly
85, 3.744, 121.087

Deuteranomaly
85, 4.395, 19.602

Tritanomaly
85, 5.288, 243.508

Monochromacy



Original Color
85, 6.886, 161.400

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 2.408, 158.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 6.886, 161.400 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(201, 216, 208)` looks like.

```
.text, #text, p{  
    color:rgb(201, 216, 208)  
}
```

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(201, 216, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 216, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 6.886, 161.400 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(201, 216, 208) }
```

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

```
.border{ border-color:rgb(201, 216, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 216, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 216, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 216, 208);  
box-shadow:4px 4px 4px 4px rgb(201, 216,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 6.886, 161.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 216, 208) }
```

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

```
.background{ background-color: rgb(201,  
216, 208) }
```

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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