

Converting Colors

CIELCh(85, 8.699, 274.847)

Have a look what the booklet for
CIELCh(85, 8.699, 274.847) contains.

CIELCh(85, 8.636, 276.920)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(85, 8.636, 276.920)

Conversions

Conversions Part 1

Format	Color
Hex	CED4E4
RGB	206, 212, 228
RGB Percent	81%, 83%, 89%
CMY	0.1910, 0.1675, 0.1048
CMYK	0.10, 0.07, 0.00, 0.10
HSL	224°, 29%, 85%
HSV	224°, 10%, 90%
XYZ	63.1886, 66.0070, 83.0165
YIQ	212.0300, -8.7120, 3.7040

Conversions

Conversions Part 2

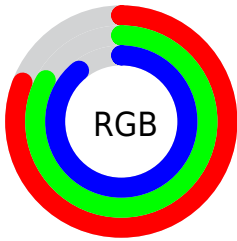
Format	Color
R _Y B	206, 211, 228
Decimal	13554916
CIE Lab	85.00, 1.04, -8.57
CIE LCh	85, 8.636, 276.920
Yxy	66.0070, 0.2978, 0.3110
Android (android.graphics.Color)	4291744996 (0xFFCED4E4)
YUV	212.0300, 7.8732, -5.2883
Hunter-Lab	81.2447, -3.3487, -3.7117

Details

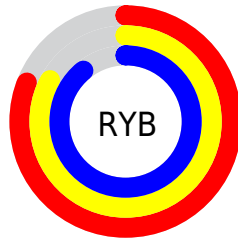
The CIELCh color `85, 8.636, 276.920` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `89, 8.585, 94.481`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 9.049, 279.536` is the 20% darker color. If you saturate the color by 10%, you get `79, 17.784, 278.371`, and if you desaturate by 10%, it is `91, 0.310, 94.904`.

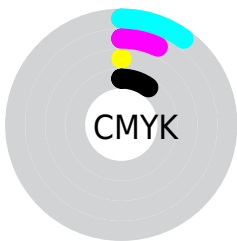
Distribution



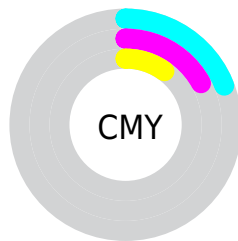
- Red (81%)
- Green (83%)
- Blue (89%)



- Red (81%)
- Yellow (83%)
- Blue (89%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (19%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 8.636, 276.920 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, 8.636, 276.920 by changing the saturation by 10% instead.



85, 8.636, 276.920

85, 8.636, 276.920

79, 17.784,
278.371

91, 0.310, 94.904

73, 27.153,
280.090

97, 9.057, 94.504

67, 36.761,
282.102

99, 13.518,
109.156

61, 46.638,
284.445

56, 56.818,
287.139

50, 67.321,
290.166

45, 78.102,
293.446

40, 88.947,
296.808

■ 36, 99.378,
299.963

Harmonies

Complementary

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



85, 8.636, 276.920



89, 8.585, 94.481

Rectangle

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



85, 8.636, 276.920



85, 8.636, 326.920



85, 8.636, 96.920



85, 8.636, 146.920

Sweetspot

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



85, 8.634, 276.910



98, 2.926, 276.109



89, 8.458, 176.296



52, 2.218, 276.191



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, 8.634, 276.910



92, 11.789, 277.243



84, 11.771, 299.303



45, 5.109, 276.886



28, 81.668, 299.550



5, 27.227, 290.237

Inverse Universe

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



85, 8.669, 358.733



92, 11.869, 359.000



90, 11.528, 118.002



45, 5.128, 358.713



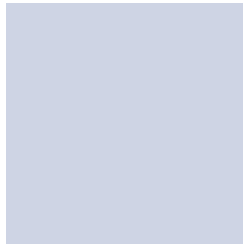
37, 67.968, 23.364



7, 26.642, 9.965

Previews

White Background



This preview shows how the CIELCh color 85, 8.636, 276.920 looks on a white background.

Color Contrast Check

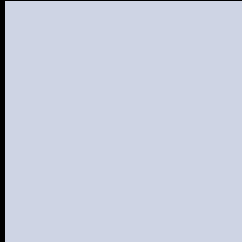
Large Text (above 18pt) WCAG AA × Fail

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, 8.636, 276.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

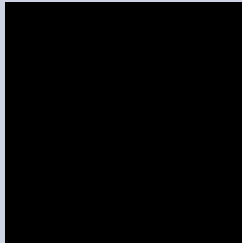
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

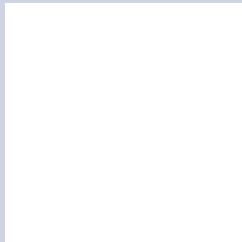
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 8.636, 276.920

Background



This preview shows how black text looks on a background with the CIELCh color 85, 8.636, 276.920.

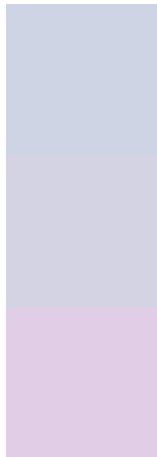


This preview shows how white text looks on a background with the CIELCh color 85, 8.636, 276.920.

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, 8.636, 276.920

Protanopia

85, 8.425, 290.900

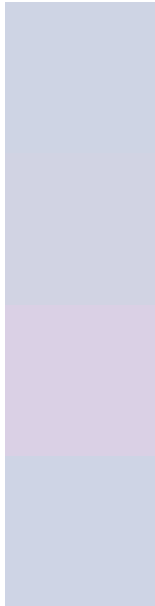
Deuteranopia

85, 14.383, 319.005



Tritanopia
85, 9.146, 277.785

Trichromacy



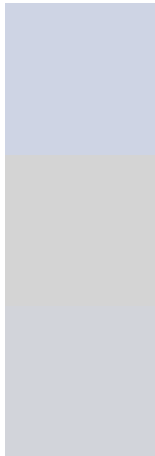
Original Color
85, 8.636, 276.920

Protanomaly
85, 8.443, 286.152

Deuteranomaly
85, 11.662, 308.644

Tritanomaly
85, 9.146, 277.785

Monochromacy



Original Color
85, 8.636, 276.920

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.231, 277.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 8.636, 276.920 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(206, 212, 228)` looks like.

```
.text, #text, p{  
    color:rgb(206, 212, 228)  
}
```

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(206, 212, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 212, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 8.636, 276.920 is called "border". The border property can be set on classes, ids or directly on the HTML element.

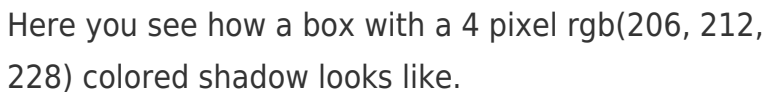
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 212, 228) }
```

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

```
.border{ border-color:rgb(206, 212, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 212, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 212, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 212, 228);  
box-shadow:4px 4px 4px 4px rgb(206, 212,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 8.636, 276.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 212, 228) }
```

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

```
.background{ background-color: rgb(206,  
212, 228) }
```

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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