

Converting Colors

CIELCh(85, 7.169, 277.124)

Have a look what the booklet for
CIELCh(85, 7.169, 277.124) contains.

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Color

CIELCh(85, 7.542, 277.413)

Conversions

Conversions Part 1

Format	Color
Hex	CFD4E2
RGB	207, 212, 226
RGB Percent	81%, 83%, 89%
CMY	0.1873, 0.1677, 0.1128
CMYK	0.08, 0.06, 0.00, 0.11
HSL	224°, 25%, 85%
HSV	224°, 8%, 89%
XYZ	63.1593, 66.0070, 81.5340
YIQ	212.1010, -7.4740, 3.2940

Conversions

Conversions Part 2

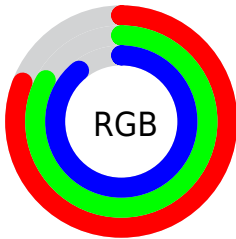
Format	Color
RYB	207, 211, 226
Decimal	13620450
CIELab	85.00, 0.97, -7.48
CIELCh	85, 7.542, 277.413
Yxy	66.0070, 0.2998, 0.3133
Android (android.graphics.Color)	4291810530 (0xFFCFD4E2)
YUV	212.1010, 6.8522, -4.4736
Hunter-Lab	81.2447, -3.4130, -2.6298

Details

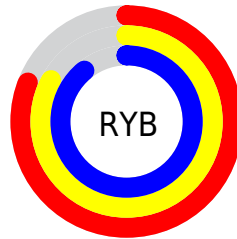
The CIELCh color `85, 7.542, 277.413` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `88, 7.493, 95.300`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 7.898, 280.323` is the 20% darker color. If you saturate the color by 10%, you get `79, 16.702, 278.822`, and if you desaturate by 10%, it is `91, 1.408, 95.989`.

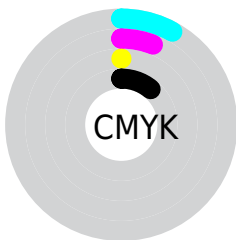
Distribution



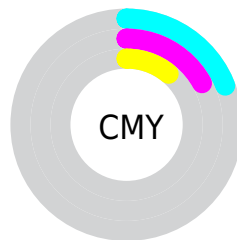
- Red (81%)
- Green (83%)
- Blue (89%)



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



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 7.542, 277.413 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, 7.542, 277.413 by changing the saturation by 10% instead.

■ 85, 7.542, 277.413

■ 85, 7.542, 277.413

■ 100, 7.542,
277.413

■ 75, 7.542, 277.413

■ 65, 7.542, 277.413

■ 55, 7.542, 277.413

■ 45, 7.542, 277.413

■ 35, 7.542, 277.413

■ 25, 7.542, 277.413

■ 15, 7.542, 277.413

■ 5, 7.542, 277.413

■ 0, 7.542, 277.413

85, 7.542, 277.413

85, 7.542, 277.413

79, 16.702,
278.822

91, 1.408, 95.989

73, 26.091,
280.495

97, 10.152, 95.056

67, 35.729,
282.455

99, 14.552,
109.078

61, 45.643,
284.738

56, 55.869,
287.366

50, 66.424,
290.328

45, 77.265,
293.547

40, 88.181,
296.862

■ 36, 98.682,
300.008

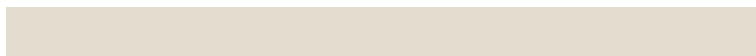
Harmonies

Complementary

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



85, 7.542, 277.413



88, 7.493, 95.300

Rectangle

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



85, 7.542, 277.413



85, 7.542, 327.413



85, 7.542, 97.413



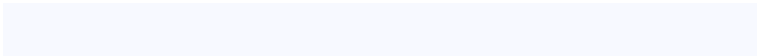
85, 7.542, 147.413

Sweetspot

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



85, 7.540, 277.402



98, 2.956, 276.766



88, 7.257, 177.613



52, 2.241, 276.849



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, 7.540, 277.402



93, 9.909, 277.621



84, 10.178, 299.831



44, 5.069, 277.538



27, 81.771, 299.936



5, 25.876, 289.375

Inverse Universe

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



85, 7.447, 359.280



93, 9.805, 359.462



89, 9.994, 118.740



44, 5.012, 359.393



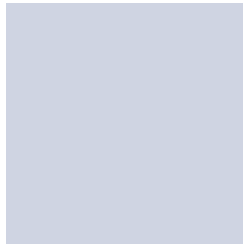
37, 67.569, 24.121



6, 25.308, 9.588

Previews

White Background



This preview shows how the CIELCh color 85, 7.542, 277.413 looks on a white background.

Color Contrast Check

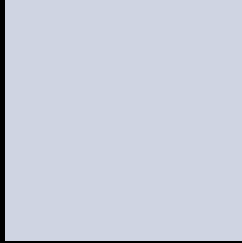
Large Text (above 18pt) WCAG AA × Fail

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, 7.542, 277.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

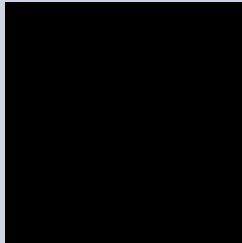
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

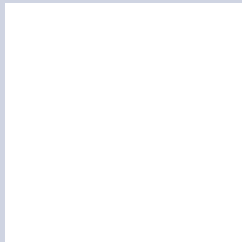
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 7.542, 277.413

Background



This preview shows how black text looks on a background with the CIELCh color 85, 7.542, 277.413.

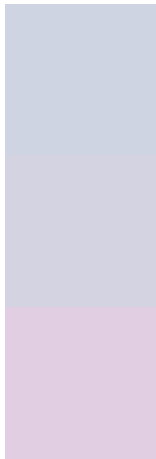


This preview shows how white text looks on a background with the CIELCh color 85, 7.542, 277.413.

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

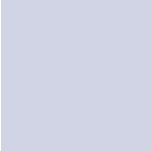
85, 7.542, 277.413

Protanopia

85, 7.387, 293.544

Deuteranopia

85, 13.212, 323.623



Tritanopia
85, 9.027, 282.078

Trichromacy



Original Color
85, 7.542, 277.413

Protanomaly
85, 7.376, 288.083

Deuteranomaly
85, 10.790, 312.117

Tritanomaly
85, 8.509, 281.470

Monochromacy



Original Color
85, 7.542, 277.413

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.721, 275.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 7.542, 277.413 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(207, 212, 226)` looks like.

```
.text, #text, p{  
    color:rgb(207, 212, 226)  
}
```

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(207, 212, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 212, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 7.542, 277.413 is called "border". The border property can be set on classes, ids or directly on the HTML element.

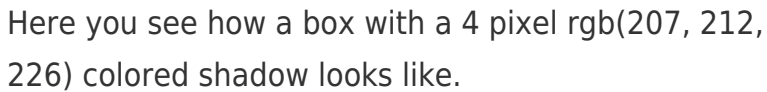
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 212, 226) }
```

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

```
.border{ border-color:rgb(207, 212, 226) }
```

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



Here you see how a box with a 4 pixel rgb(207, 212, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 212, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 212, 226);  
box-shadow:4px 4px 4px 4px rgb(207, 212,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 7.542, 277.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 212, 226) }
```

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

```
.background{ background-color: rgb(207,  
212, 226) }
```

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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