

Converting Colors

CIELCh(85, 7.629, 256.919)

Have a look what the booklet for
CIELCh(85, 7.629, 256.919) contains.

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Color

CIELCh(85, 7.490, 256.872)

Conversions

Conversions Part 1

Format	Color
Hex	CAD6E2
RGB	202, 214, 226
RGB Percent	79%, 84%, 89%
CMY	0.2086, 0.1615, 0.1145
CMYK	0.11, 0.05, 0.00, 0.11
HSL	210°, 29%, 84%
HSV	210°, 11%, 89%
XYZ	62.0051, 66.0070, 81.2855
YIQ	211.7800, -11.0040, 1.1880

Conversions

Conversions Part 2

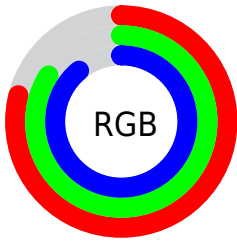
Format	Color
RYB	202, 210, 226
Decimal	13293282
CIELab	85.00, -1.70, -7.29
CIELCh	85, 7.490, 256.872
Yxy	66.0070, 0.2963, 0.3154
Android (android.graphics.Color)	4291483362 (0xFFCAD6E2)
YUV	211.7800, 7.0105, -8.5771
Hunter-Lab	81.2447, -5.9489, -2.4485

Details

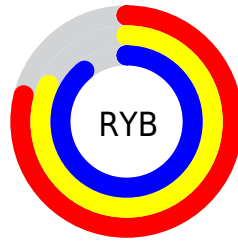
The CIELCh color `85, 7.490, 256.872` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `86, 7.683, 74.054`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 7.694, 259.581` is the 20% darker color. If you saturate the color by 10%, you get `81, 14.456, 258.404`, and if you desaturate by 10%, it is `90, 0.451, 256.372`.

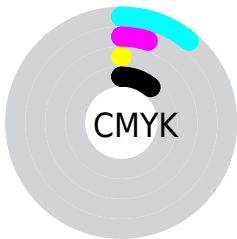
Distribution



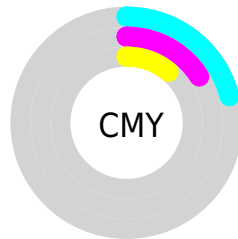
- Red (79%)
- Green (84%)
- Blue (89%)



- Red (79%)
- Yellow (82%)
- Blue (89%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 7.490, 256.872 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, 7.490, 256.872 by changing the saturation by 10% instead.

■ 85, 7.490, 256.872

■ 85, 7.490, 256.872

■ 100, 7.490,
256.872

■ 75, 7.490, 256.872

■ 65, 7.490, 256.872

■ 55, 7.490, 256.872

■ 45, 7.490, 256.872

■ 35, 7.490, 256.872

■ 25, 7.490, 256.872

■ 15, 7.490, 256.872

■ 5, 7.490, 256.872

■ 0, 7.490, 256.872

85, 7.490, 256.872

85, 7.490, 256.872

81, 14.456,
258.404

90, 0.451, 256.372

76, 21.323,
260.265

94, 6.631, 74.290

98, 11.425, 95.785

72, 28.067,
262.489

99, 14.770,
109.061

67, 34.674,
265.136

63, 41.155,
268.259

59, 47.552,
271.883

55, 53.944,
275.981

52, 60.438,
280.441

■ 49, 66.723,
284.689

Harmonies

Complementary

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



85, 7.490, 256.872



86, 7.683, 74.054

Rectangle

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



85, 7.490, 256.872



85, 7.490, 306.872



85, 7.490, 76.872



85, 7.490, 126.872

Sweetspot

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



85, 7.489, 256.858



98, 2.346, 255.964



88, 10.803, 161.920



52, 1.777, 256.027



0, 0.000, 0.000



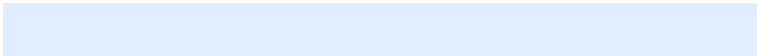
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 7.489, 256.858



94, 10.098, 257.210



82, 12.517, 290.638



45, 3.984, 256.695



38, 54.467, 283.883



8, 18.969, 274.639

Inverse Universe

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



84, 10.825, 344.499



92, 14.656, 344.728



89, 12.222, 108.466



44, 5.746, 344.389



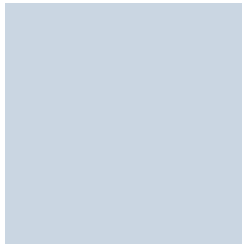
38, 64.178, 1.819



6, 26.432, 354.723

Previews

White Background



This preview shows how the CIELCh color 85, 7.490, 256.872 looks on a white background.

Color Contrast Check

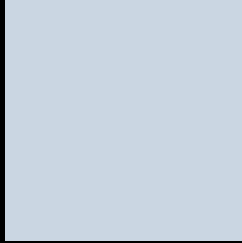
Large Text (above 18pt) WCAG AA × Fail

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, 7.490, 256.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

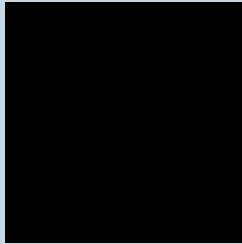
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

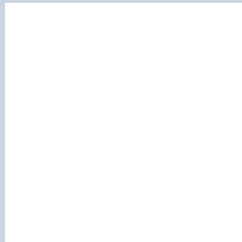
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 7.490, 256.872

Background



This preview shows how black text looks on a background with the CIELCh color 85, 7.490, 256.872.

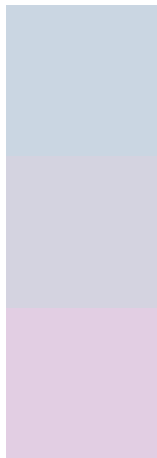


This preview shows how white text looks on a background with the CIELCh color 85, 7.490, 256.872.

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, 7.490, 256.872

Protanopia

85, 6.861, 293.716

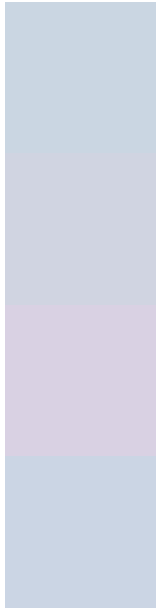
Deuteranopia

85, 13.212, 323.623



Tritanopia
85, 9.516, 269.672

Trichromacy



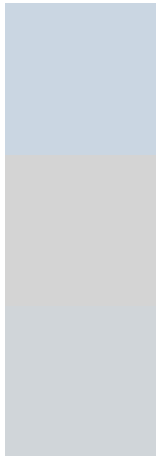
Original Color
85, 7.490, 256.872

Protanomaly
85, 6.960, 279.144

Deuteranomaly
85, 9.934, 307.469

Tritanomaly
85, 8.551, 266.944

Monochromacy



Original Color
85, 7.490, 256.872

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.739, 249.811

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 7.490, 256.872 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(202, 214, 226)` looks like.

```
.text, #text, p{  
    color:rgb(202, 214, 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(202, 214, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 214, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 7.490, 256.872 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(202, 214, 226) }
```

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

```
.border{ border-color:rgb(202, 214, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 214, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 214, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 214, 226);  
box-shadow:4px 4px 4px 4px rgb(202, 214,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 7.490, 256.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 214, 226) }
```

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

```
.background{ background-color: rgb(202,  
214, 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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