

Converting Colors

CIELCh(85, 8.030, 251.410)

Have a look what the booklet for
CIELCh(85, 8.030, 251.410) contains.

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Color

CIELCh(85, 7.877, 252.664)

Conversions

Conversions Part 1

Format	Color
Hex	C8D6E2
RGB	200, 214, 226
RGB Percent	78%, 84%, 89%
CMY	0.2149, 0.1600, 0.1129
CMYK	0.11, 0.05, 0.00, 0.11
HSL	208°, 31%, 84%
HSV	208°, 11%, 89%
XYZ	61.7284, 66.0070, 81.5882
YIQ	211.1820, -12.1960, 0.7640

Conversions

Conversions Part 2

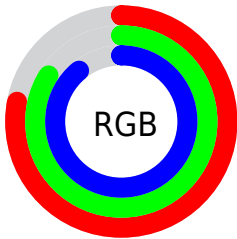
Format	Color
R _Y B	200, 209, 226
Decimal	13162210
CIE Lab	85.00, -2.35, -7.52
CIE LCh	85, 7.877, 252.664
Yxy	66.0070, 0.2949, 0.3153
Android (android.graphics.Color)	4291352290 (0xFFC8D6E2)
YUV	211.1820, 7.3053, -9.8066
Hunter-Lab	81.2447, -6.5568, -2.6694

Details

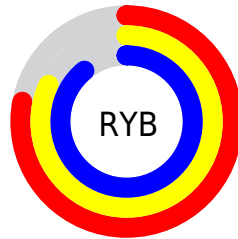
The CIELCh color `85, 7.877, 252.664` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `86, 8.159, 69.737`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 8.070, 255.184` is the 20% darker color. If you saturate the color by 10%, you get `81, 14.592, 254.171`, and if you desaturate by 10%, it is `89, 1.038, 251.721`.

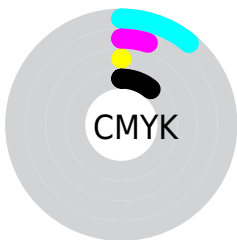
Distribution



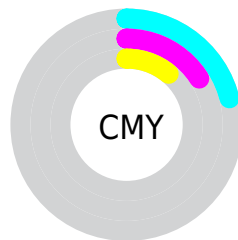
- Red (78%)
- Green (84%)
- Blue (89%)



- Red (78%)
- Yellow (82%)
- Blue (89%)



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

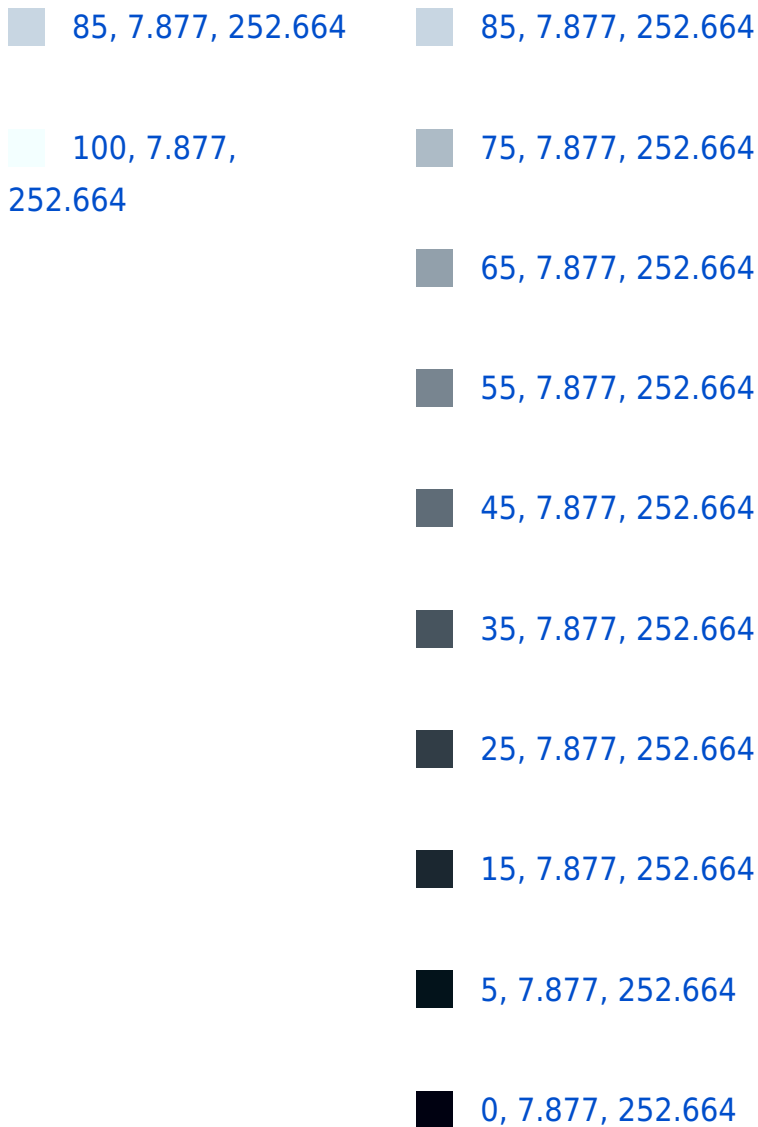


- Cyan (21%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 7.877, 252.664 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, 7.877, 252.664 by changing the saturation by 10% instead.



85, 7.877, 252.664

85, 7.877, 252.664

81, 14.592,
254.171

89, 1.038, 251.721

77, 21.149,
256.017

94, 5.886, 70.135

97, 10.413, 90.017

72, 27.515,
258.241

99, 14.567,
109.077

68, 33.666,
260.908

64, 39.605,
264.079

61, 45.372,
267.789

57, 51.049,
272.016

54, 56.761,
276.656

■ 51, 61.767,
280.686

Harmonies

Complementary

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



85, 7.877, 252.664



86, 8.159, 69.737

Rectangle

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



85, 7.877, 252.664



85, 7.877, 302.664



85, 7.877, 72.664



85, 7.877, 122.664

Sweetspot

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



85, 7.876, 252.650



99, 2.285, 251.692



88, 11.995, 160.152



52, 1.730, 251.747



0, 0.000, 0.000



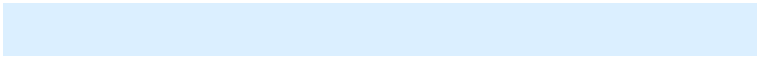
53, 0.007, 296.813

Same Dimension

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



85, 7.876, 252.650



93, 10.547, 253.016



82, 13.114, 289.363



45, 3.872, 252.377



40, 50.397, 279.831



9, 17.780, 270.223

Inverse Universe

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



83, 12.045, 342.532



91, 16.209, 342.765



89, 12.805, 106.944



44, 5.898, 342.349



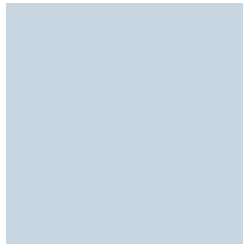
38, 64.731, 358.235



6, 26.860, 351.875

Previews

White Background



This preview shows how the CIELCh color 85, 7.877, 252.664 looks on a white background.

Color Contrast Check

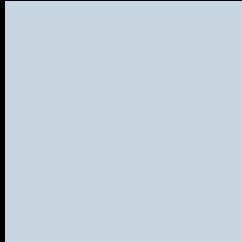
Large Text (above 18pt) WCAG AA × Fail

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, 7.877, 252.664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

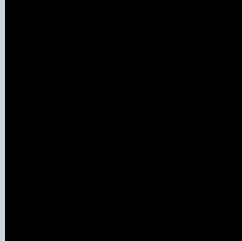
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

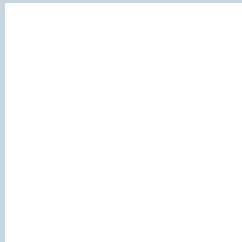
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 7.877, 252.664

Background



This preview shows how black text looks on a background with the CIELCh color 85, 7.877, 252.664.

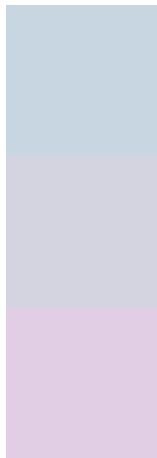


This preview shows how white text looks on a background with the CIELCh color 85, 7.877, 252.664.

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](#).

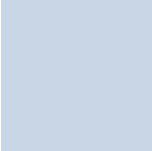
Dichromacy



Original Color
85, 7.877, 252.664

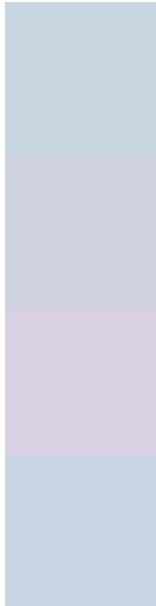
Protanopia
85, 6.861, 293.716

Deuteranopia
85, 13.471, 321.113



Tritanopia
85, 9.439, 262.577

Trichromacy



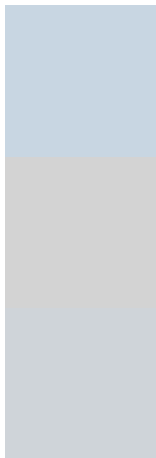
Original Color
85, 7.877, 252.664

Protanomaly
85, 6.960, 279.144

Deuteranomaly
85, 9.836, 305.493

Tritanomaly
85, 8.985, 260.896

Monochromacy



Original Color
85, 7.877, 252.664

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.157, 256.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 7.877, 252.664 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(200, 214, 226)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 214, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 214, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 7.877, 252.664 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(200, 214, 226) }
```

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

```
.border{ border-color:rgb(200, 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(200, 214, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 214, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 214, 226);  
box-shadow:4px 4px 4px 4px rgb(200, 214,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 7.877, 252.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 214, 226) }
```

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

```
.background{ background-color: rgb(200,  
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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