

Converting Colors

CIELCh(85, 7.457, 234.544)

Have a look what the booklet for
CIELCh(85, 7.457, 234.544) contains.

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Color

CIELCh(85, 7.462, 233.526)

Conversions

Conversions Part 1

Format	Color
Hex	C5D7DF
RGB	197, 215, 223
RGB Percent	77%, 84%, 87%
CMY	0.2263, 0.1557, 0.1243
CMYK	0.12, 0.04, 0.00, 0.12
HSL	198°, 29%, 82%
HSV	198°, 12%, 88%
XYZ	60.8394, 66.0070, 79.5588
YIQ	210.5300, -13.2960, -1.3280

Conversions

Conversions Part 2

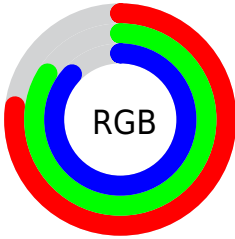
Format	Color
RYB	197, 208, 223
Decimal	12965855
CIELab	85.00, -4.44, -6.00
CIElCh	85, 7.462, 233.526
Yxy	66.0070, 0.2948, 0.3198
Android (android.graphics.Color)	4291155935 (0xFFC5D7DF)
YUV	210.5300, 6.1477, -11.8658
Hunter-Lab	81.2447, -8.5100, -1.1884

Details

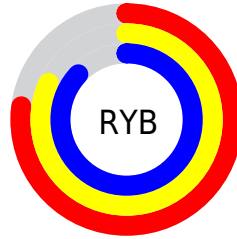
The CIELCh color `85, 7.462, 233.526` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `84, 7.945, 51.640`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.347, 201.292`, and `65, 7.520, 235.399` is the 20% darker color. If you saturate the color by 10%, you get `82, 13.551, 234.523`, and if you desaturate by 10%, it is `88, 1.079, 233.117`.

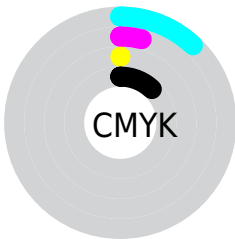
Distribution



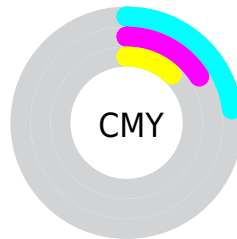
- Red (77%)
- Green (84%)
- Blue (87%)



- Red (77%)
- Yellow (82%)
- Blue (87%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (23%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 7.462, 233.526 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, 7.462, 233.526 by changing the saturation by 10% instead.

■ 85, 7.462, 233.526

■ 85, 7.462, 233.526

■ 100, 7.462,
233.526

■ 75, 7.462, 233.526

■ 65, 7.462, 233.526

■ 55, 7.462, 233.526

■ 45, 7.462, 233.526

■ 35, 7.462, 233.526

■ 25, 7.462, 233.526

■ 15, 7.462, 233.526

■ 5, 7.462, 233.526

■ 0, 7.462, 233.526

85, 7.462, 233.526

85, 7.462, 233.526

82, 13.551,
234.523

88, 1.079, 233.117

79, 19.273,
235.836

92, 5.532, 51.862

75, 24.553,
237.504

95, 9.520, 62.296

73, 29.319,
239.609

98, 13.511,
100.803

70, 33.523,
242.240

99, 16.034,
108.966

67, 37.154,
245.488

65, 40.262,
249.414

62, 42.972,
254.018

■ 60, 45.120,
258.208

Harmonies

Complementary

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



85, 7.462, 233.526



84, 7.945, 51.640

Rectangle

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



85, 7.462, 233.526



85, 7.462, 283.526



85, 7.462, 53.526



85, 7.462, 103.526

Sweetspot

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



85, 7.462, 233.511



99, 2.180, 232.991



87, 13.446, 153.480



53, 1.649, 232.995



0, 0.000, 0.000



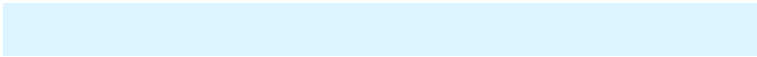
53, 0.007, 296.813

Same Dimension

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



85, 7.462, 233.511



95, 9.936, 233.733



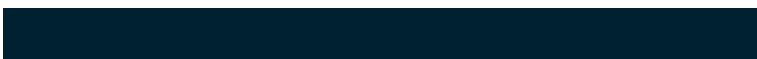
82, 11.151, 281.838



45, 3.670, 233.329



48, 37.459, 257.319



12, 14.336, 247.613

Inverse Universe

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



82, 13.449, 335.375



91, 18.036, 335.557



87, 11.003, 99.062



44, 6.573, 335.211



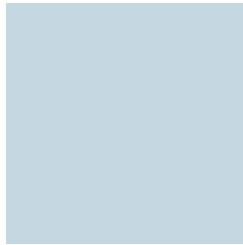
39, 69.596, 345.367



7, 29.241, 341.846

Previews

White Background



This preview shows how the CIELCh color 85, 7.462, 233.526 looks on a white background.

Color Contrast Check

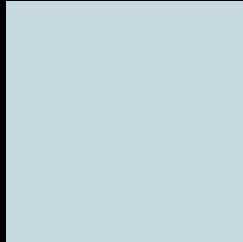
Large Text (above 18pt) WCAG AA × Fail

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, 7.462, 233.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

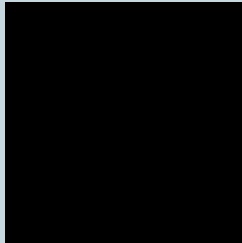
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

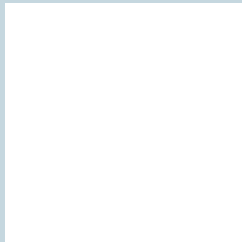
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 7.462, 233.526

Background



This preview shows how black text looks on a background with the CIELCh color 85, 7.462, 233.526.



This preview shows how white text looks on a background with the CIELCh color 85, 7.462, 233.526.

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, 7.462, 233.526

Protanopia

85, 5.327, 298.303

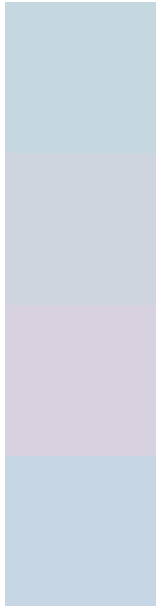
Deuteranopia

85, 12.561, 327.637



Tritanopia
85, 10.206, 260.678

Trichromacy



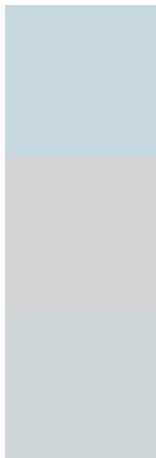
Original Color
85, 7.462, 233.526

Protanomaly
85, 5.152, 266.364

Deuteranomaly
85, 8.320, 308.188

Tritanomaly
85, 9.094, 253.488

Monochromacy



Original Color
85, 7.462, 233.526

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.697, 222.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 7.462, 233.526 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(197, 215, 223)` looks like.

```
.text, #text, p{  
    color:rgb(197, 215, 223)  
}
```

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(197, 215, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 215, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 7.462, 233.526 is called "border". The border property can be set on classes, ids or directly on the HTML element.

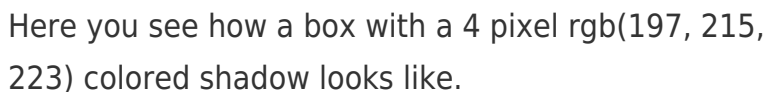
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 215, 223) }
```

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

```
.border{ border-color:rgb(197, 215, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 215, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 215, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 215, 223); box-shadow:4px 4px 4px 4px rgb(197, 215, 223) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 7.462, 233.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 215, 223) }
```

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

```
.background{ background-color: rgb(197,  
215, 223) }
```

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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