

Converting Colors

CIELCh(85, 6.622, 232.992)

Have a look what the booklet for
CIELCh(85, 6.622, 232.992) contains.

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Color

CIELCh(85, 6.625, 232.987)

Conversions

Conversions Part 1

Format	Color
Hex	C7D7DE
RGB	199, 215, 222
RGB Percent	78%, 84%, 87%
CMY	0.2197, 0.1569, 0.1295
CMYK	0.10, 0.03, 0.00, 0.13
HSL	198°, 26%, 83%
HSV	198°, 10%, 87%
XYZ	61.0292, 66.0070, 78.6214
YIQ	211.0140, -11.7830, -1.2150

Conversions

Conversions Part 2

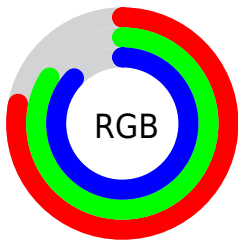
Format	Color
RYB	199, 208, 222
Decimal	13096926
CIELab	85.00, -3.99, -5.29
CIElCh	85, 6.625, 232.987
Yxy	66.0070, 0.2968, 0.3210
Android (android.graphics.Color)	4291287006 (0xFFC7D7DE)
YUV	211.0140, 5.4161, -10.5363
Hunter-Lab	81.2447, -8.0930, -0.5043

Details

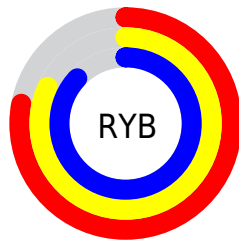
The CIELCh color `85, 6.625, 232.987` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `84, 7.004, 51.313`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 6.648, 234.997` is the 20% darker color. If you saturate the color by 10%, you get `82, 12.724, 233.928`, and if you desaturate by 10%, it is `88, 0.240, 234.374`.

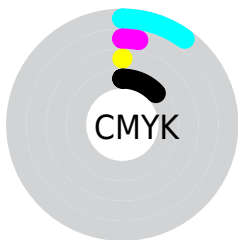
Distribution



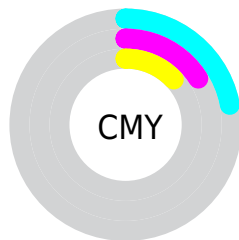
- Red (78%)
- Green (84%)
- Blue (87%)



- Red (78%)
- Yellow (82%)
- Blue (87%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 6.625, 232.987 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, 6.625, 232.987 by changing the saturation by 10% instead.

■ 85, 6.625, 232.987

■ 85, 6.625, 232.987

■ 100, 6.625,
232.987

■ 75, 6.625, 232.987

■ 65, 6.625, 232.987

■ 55, 6.625, 232.987

■ 45, 6.625, 232.987

■ 35, 6.625, 232.987

■ 25, 6.625, 232.987

■ 15, 6.625, 232.987

■ 5, 6.625, 232.987

■ 0, 6.625, 232.987

85, 6.625, 232.987

85, 6.625, 232.987

82, 12.724,
233.928

88, 0.240, 234.374

79, 18.464,
235.181

92, 6.367, 51.397

76, 23.768,
236.778

94, 9.941, 62.721

73, 28.564,
238.799

96, 11.267, 84.300

70, 32.798,
241.331

98, 13.783, 99.560
99, 16.697,
108.915

67, 36.452,
244.467

65, 39.565,
248.275

62, 42.252,
252.770

■ 60, 44.660,
257.568

Harmonies

Complementary

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



85, 6.625, 232.987



84, 7.004, 51.313

Rectangle

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



85, 6.625, 232.987



85, 6.625, 282.987



85, 6.625, 52.987



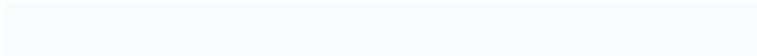
85, 6.625, 102.987

Sweetspot

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



85, 6.625, 232.969



99, 2.180, 232.570



86, 11.897, 153.582



53, 1.650, 232.572



0, 0.000, 0.000



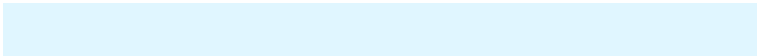
53, 0.007, 296.813

Same Dimension

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



85, 6.625, 232.969



96, 8.555, 233.114



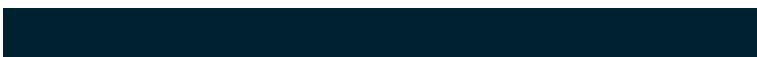
82, 9.855, 281.670



45, 3.670, 232.897



48, 37.257, 256.700



12, 14.289, 247.036

Inverse Universe

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



83, 11.925, 335.140



92, 15.475, 335.268



87, 9.735, 99.209



44, 6.588, 335.072



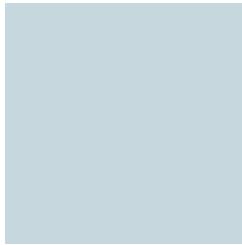
39, 69.743, 345.117



7, 29.303, 341.653

Previews

White Background



This preview shows how the CIELCh color 85, 6.625, 232.987 looks on a white background.

Color Contrast Check

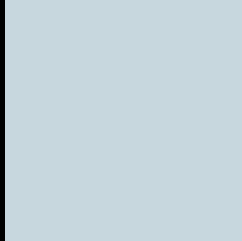
Large Text (above 18pt) WCAG AA × Fail

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, 6.625, 232.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

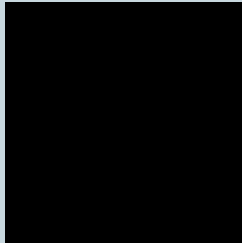
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

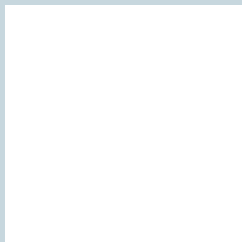
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 6.625, 232.987

Background



This preview shows how black text looks on a background with the CIELCh color 85, 6.625, 232.987.



This preview shows how white text looks on a background with the CIELCh color 85, 6.625, 232.987.

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, 6.625, 232.987

Protanopia

85, 4.876, 303.257

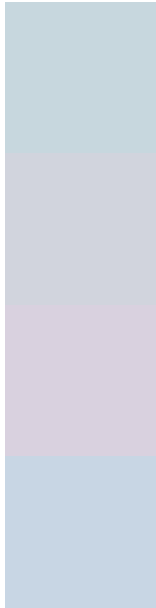
Deuteranopia

85, 12.150, 329.136



Tritanopia
85, 10.049, 262.365

Trichromacy



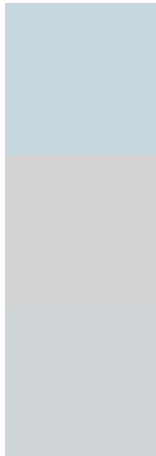
Original Color
85, 6.625, 232.987

Protanomaly
85, 4.840, 277.926

Deuteranomaly
85, 7.943, 311.769

Tritanomaly
85, 8.716, 257.109

Monochromacy



Original Color
85, 6.625, 232.987

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.369, 241.416

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 6.625, 232.987 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(199, 215, 222)` looks like.

```
.text, #text, p{  
    color:rgb(199, 215, 222)  
}
```

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(199, 215, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 215, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 6.625, 232.987 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(199, 215, 222) }
```

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

```
.border{ border-color:rgb(199, 215, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 215, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 215, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 215, 222);  
box-shadow:4px 4px 4px 4px rgb(199, 215,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 6.625, 232.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 215, 222) }
```

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

```
.background{ background-color: rgb(199,  
215, 222) }
```

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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