

Converting Colors

CIE LCh(85, 8.129, 241.326)

Have a look what the booklet for
CIELCh(85, 8.129, 241.326) contains.

CIELCh(85, 8.061, 239.972)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(85, 8.061, 239.972)

Conversions

Conversions Part 1

Format	Color
Hex	C5D7E1
RGB	197, 215, 225
RGB Percent	77%, 84%, 88%
CMY	0.2269, 0.1563, 0.1171
CMYK	0.12, 0.04, 0.00, 0.12
HSL	201°, 32%, 83%
HSV	201°, 12%, 88%
XYZ	61.0098, 66.0070, 80.8626
YIQ	210.7580, -13.9380, -0.7060

Conversions

Conversions Part 2

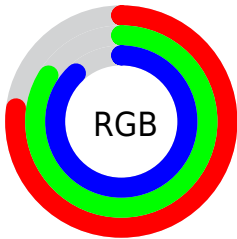
Format	Color
R_{YB}	197, 208, 225
Decimal	12965857
CIE _{Lab}	85.00, -4.03, -6.98
CIE _{LCh}	85, 8.061, 239.972
Yxy	66.0070, 0.2935, 0.3175
Android (android.graphics.Color)	4291155937 (0xFFC5D7E1)
YUV	210.7580, 7.0213, -12.0658
Hunter-Lab	81.2447, -8.1356, -2.1399

Details

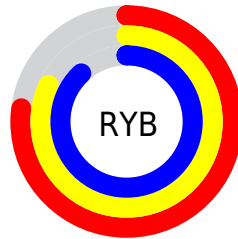
The CIELCh color `85, 8.061, 239.972` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `84, 8.553, 57.488`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.347, 201.292`, and `65, 8.177, 242.036` is the 20% darker color. If you saturate the color by 10%, you get `81, 14.262, 241.213`, and if you desaturate by 10%, it is `89, 1.610, 239.176`.

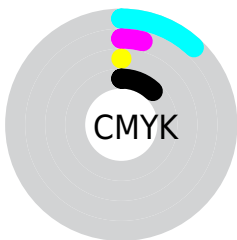
Distribution



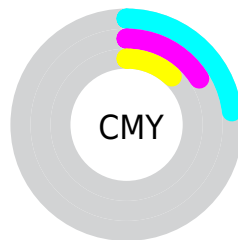
- Red (77%)
- Green (84%)
- Blue (88%)



- Red (77%)
- Yellow (82%)
- Blue (88%)



- 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, 8.061, 239.972 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, 8.061, 239.972 by changing the saturation by 10% instead.



85, 8.061, 239.972

85, 8.061, 239.972

81, 14.262,
241.213

89, 1.610, 239.176

78, 20.152,
242.791

92, 5.034, 57.907

74, 25.668,
244.753

95, 9.220, 70.978

71, 30.758,
247.179

97, 11.604, 95.276

99, 15.104,
109.036

68, 35.391,
250.154

65, 39.582,
253.749

62, 43.402,
257.994

60, 46.994,
262.836

■ 58, 49.712,
266.695

Harmonies

Complementary

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



85, 8.061, 239.972



84, 8.553, 57.488

Rectangle

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



85, 8.061, 239.972



85, 8.061, 289.972



85, 8.061, 59.972



85, 8.061, 109.972

Sweetspot

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



85, 8.061, 239.958



98, 2.911, 239.201



87, 13.932, 155.474



52, 2.066, 239.244



0, 0.000, 0.000



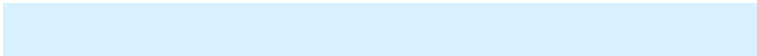
53, 0.007, 296.813

Same Dimension

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



85, 8.061, 239.958



94, 10.702, 240.263



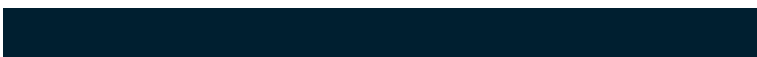
81, 12.696, 284.730



45, 3.689, 239.643



46, 40.889, 265.773



11, 15.178, 255.724

Inverse Universe

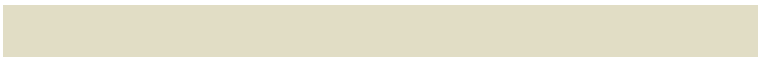
The Inverse Universe completely reimagines the original color for something new.



82, 13.971, 337.571



90, 18.676, 337.782



88, 12.462, 101.878



44, 6.345, 337.336



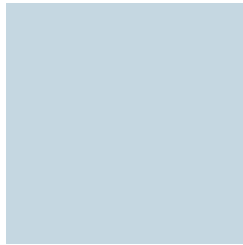
39, 67.618, 349.200



7, 28.373, 344.816

Previews

White Background



This preview shows how the CIE LCh color 85, 8.061, 239.972 looks on a white background.

Color Contrast Check

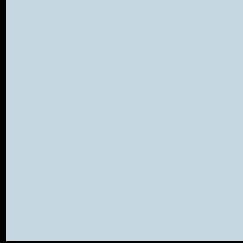
Large Text (above 18pt) WCAG AA × Fail

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, 8.061, 239.972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

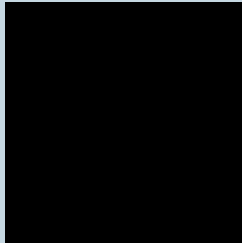
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

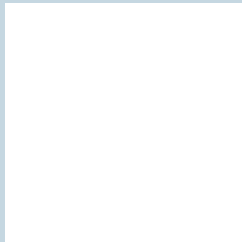
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 8.061, 239.972

Background



This preview shows how black text looks on a background with the CIELCh color 85, 8.061, 239.972.

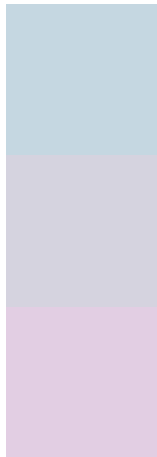


This preview shows how white text looks on a background with the CIELCh color 85, 8.061, 239.972.

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, 8.061, 239.972

Protanopia

85, 6.370, 297.102

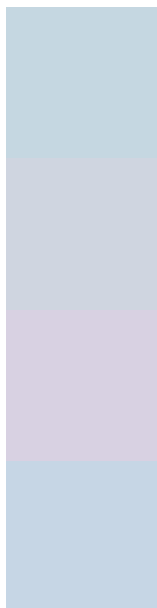
Deuteranopia

85, 13.212, 323.623



Tritanopia
85, 10.371, 259.047

Trichromacy



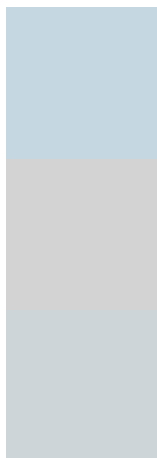
Original Color
85, 8.061, 239.972

Protanomaly
85, 6.122, 270.558

Deuteranomaly
85, 9.328, 306.289

Tritanomaly
85, 9.510, 255.502

Monochromacy



Original Color
85, 8.061, 239.972

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.931, 232.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 8.061, 239.972 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(197, 215, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 215, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 8.061, 239.972 is called "border". The border property can be set on classes, ids or directly on the HTML element.

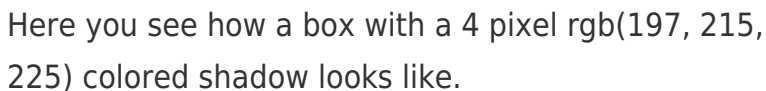
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 215, 225) }
```

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

```
.border{ border-color:rgb(197, 215, 225) }
```

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, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 215, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 215, 225);  
box-shadow:4px 4px 4px 4px rgb(197, 215,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 8.061, 239.972 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, 225) }
```

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

```
.background{ background-color: rgb(197,  
215, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor