

Converting Colors

CIELCh(85, 7.943, 174.533)

Have a look what the booklet for
CIELCh(85, 7.943, 174.533) contains.

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Color

CIELCh(85, 7.840, 175.175)

Conversions

Conversions Part 1

Format	Color
Hex	C5D9D3
RGB	197, 217, 211
RGB Percent	77%, 85%, 83%
CMY	0.2285, 0.1501, 0.1736
CMYK	0.09, 0.00, 0.03, 0.15
HSL	162°, 21%, 81%
HSV	162°, 9%, 85%
XYZ	59.4205, 66.0070, 71.0570
YIQ	210.3360, -9.9940, -6.1060

Conversions

Conversions Part 2

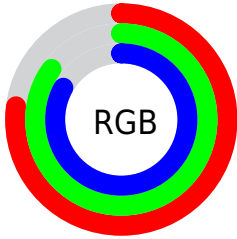
Format	Color
RYB	197, 209, 217
Decimal	12966355
CIELab	85.00, -7.81, 0.66
CIELCh	85, 7.840, 175.175
Yxy	66.0070, 0.3024, 0.3359
Android (android.graphics.Color)	4291156435 (0xFFC5D9D3)
YUV	210.3360, 0.3274, -11.6957
Hunter-Lab	81.2447, -11.6275, 5.0160

Details

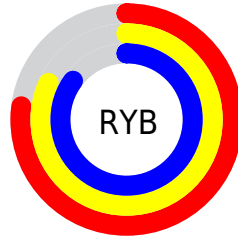
The CIELCh color `85, 7.840, 175.175` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 8.054, 356.768`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.347, 201.292`, and `65, 7.685, 177.556` is the 20% darker color. If you saturate the color by 10%, you get `83, 16.187, 174.150`, and if you desaturate by 10%, it is `87, 0.666, 355.258`.

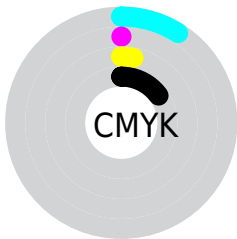
Distribution



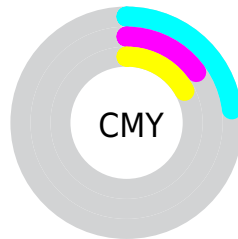
- Red (77%)
- Green (85%)
- Blue (83%)



- Red (77%)
- Yellow (82%)
- Blue (85%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 7.840, 175.175 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, 7.840, 175.175 by changing the saturation by 10% instead.

85, 7.840, 175.175

85, 7.840, 175.175

100, 7.840,
175.175

75, 7.840, 175.175

65, 7.840, 175.175

55, 7.840, 175.175

45, 7.840, 175.175

35, 7.840, 175.175

25, 7.840, 175.175

15, 7.840, 175.175

5, 7.840, 175.175

0, 7.840, 175.175

85, 7.840, 175.175

85, 7.840, 175.175

83, 16.187,
174.150

87, 0.666, 355.258

82, 24.250,
173.078

89, 9.233, 356.828

81, 31.893,
171.914

90, 15.530,
353.826

80, 38.972,
170.636

90, 17.213,
343.680

79, 45.350,
169.218

90, 19.354,
335.612


78, 50.915,
167.636

91, 21.817,
329.314

78, 55.603,
165.866

91, 23.970,
325.259

77, 59.417,
163.895

 77, 62.505,
161.760

Harmonies

Complementary

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



85, 7.840, 175.175



81, 8.054, 356.768

Rectangle

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



85, 7.840, 175.175



85, 7.840, 225.175



85, 7.840, 355.175



85, 7.840, 45.175

Sweetspot

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



85, 7.842, 175.167



99, 2.916, 175.875



85, 11.663, 134.827



53, 2.211, 175.759



0, 0.000, 0.000



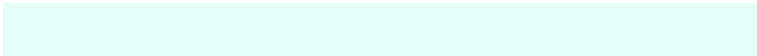
53, 0.007, 296.813

Same Dimension

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



85, 7.842, 175.167



98, 10.652, 174.977



84, 6.027, 217.846



44, 4.777, 175.148



62, 52.218, 161.984



15, 19.107, 166.624

Inverse Universe

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



81, 8.054, 356.768



93, 10.997, 356.970



82, 6.388, 37.371



42, 4.908, 356.788



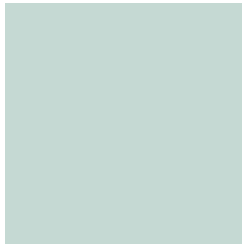
36, 64.828, 20.740



5, 22.278, 6.228

Previews

White Background



This preview shows how the CIELCh color 85, 7.840, 175.175 looks on a white background.

Color Contrast Check

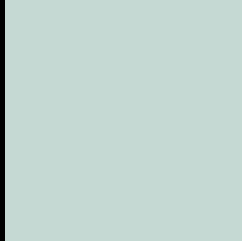
Large Text (above 18pt) WCAG AA × Fail

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, 7.840, 175.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

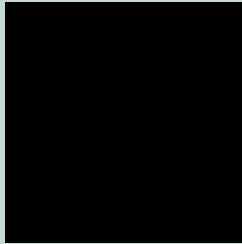
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

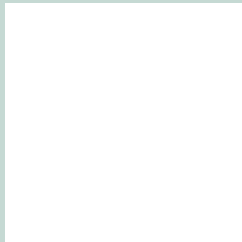
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 7.840, 175.175

Background



This preview shows how black text looks on a background with the CIELCh color 85, 7.840, 175.175.

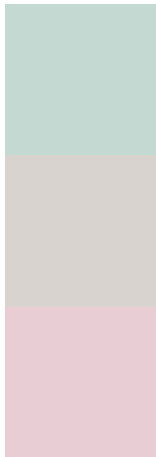


This preview shows how white text looks on a background with the CIELCh color 85, 7.840, 175.175.

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](#).

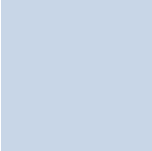
Dichromacy



Original Color
85, 7.840, 175.175

Protanopia
85, 3.020, 63.272

Deuteranopia
85, 10.769, 357.299



Tritanopia
85, 10.049, 262.365

Trichromacy



Original Color
85, 7.840, 175.175

Protanomaly
85, 2.845, 132.443

Deuteranomaly
85, 3.982, 356.254

Tritanomaly
85, 7.225, 240.197

Monochromacy



Original Color
85, 7.840, 175.175

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 2.741, 176.842

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 7.840, 175.175 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, 217, 211)` looks like.

```
.text, #text, p{  
    color:rgb(197, 217, 211)  
}
```

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, 217, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 217, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 7.840, 175.175 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, 217, 211) }
```

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

```
.border{ border-color:rgb(197, 217, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 217, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 217, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 217, 211);  
box-shadow:4px 4px 4px 4px rgb(197, 217,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 7.840, 175.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 217, 211) }
```

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

```
.background{ background-color: rgb(197,  
217, 211) }
```

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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