

Converting Colors

CIELCh(85, 6.742, 101.530)

Have a look what the booklet for
CIELCh(85, 6.742, 101.530) contains.

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Color

CIELCh(85, 6.840, 103.369)

Conversions

Conversions Part 1

Format	Color
Hex	D7D5C8
RGB	215, 213, 200
RGB Percent	84%, 84%, 78%
CMY	0.1580, 0.1658, 0.2168
CMYK	0.00, 0.01, 0.07, 0.16
HSL	52°, 16%, 81%
HSV	52°, 7%, 84%
XYZ	62.0564, 66.0070, 63.9418
YIQ	212.1160, 5.3650, -3.6190

Conversions

Conversions Part 2

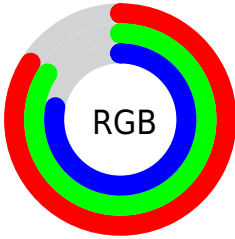
Format	Color
RYB	202, 215, 200
Decimal	14144968
CIELab	85.00, -1.58, 6.65
CIELCh	85, 6.840, 103.369
Yxy	66.0070, 0.3232, 0.3438
Android (android.graphics.Color)	4292335048 (0xFFD7D5C8)
YUV	212.1160, -5.9732, 2.5293
Hunter-Lab	81.2447, -5.8362, 10.2085

Details

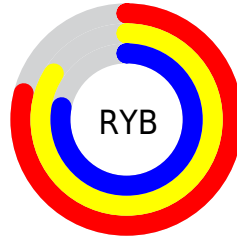
The CIELCh color $85, 6.840, 103.369$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 6.930, 284.942$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $65, 6.681, 102.692$ is the 20% darker color. If you saturate the color by 10%, you get $84, 16.673, 102.303$, and if you desaturate by 10%, it is $86, 2.962, 284.507$.

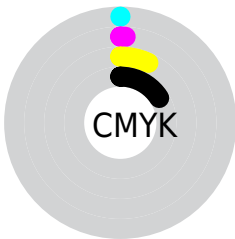
Distribution



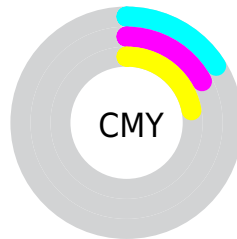
- Red (84%)
- Green (84%)
- Blue (78%)



- Red (79%)
- Yellow (84%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 6.840, 103.369 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, 6.840, 103.369 by changing the saturation by 10% instead.

■ 85, 6.840, 103.369

■ 85, 6.840, 103.369

■ 100, 6.840,
103.369

■ 75, 6.840, 103.369

■ 65, 6.840, 103.369

■ 55, 6.840, 103.369

■ 45, 6.840, 103.369

■ 35, 6.840, 103.369

■ 25, 6.840, 103.369

■ 15, 6.840, 103.369

■ 5, 6.840, 103.369

■ 0, 6.840, 103.369

85, 6.840, 103.369

85, 6.840, 103.369

84, 16.673,
102.303

86, 2.962, 284.507

83, 26.485,
101.191

88, 12.712,
285.497

82, 36.199,
100.066

89, 17.672,
284.488

80, 45.681, 98.940

89, 16.295,
280.348

79, 54.707, 97.826

90, 15.018,
275.497

79, 62.922, 96.737

78, 69.803, 95.683

91, 13.866,
269.821

77, 74.708, 94.661

92, 12.872,
263.222

76, 77.171, 93.645

92, 12.073,
255.669

■ 93, 11.508,
247.245

Harmonies

Complementary

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



85, 6.840, 103.369



81, 6.930, 284.942

Rectangle

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



85, 6.840, 103.369



85, 6.840, 153.369



85, 6.840, 283.369



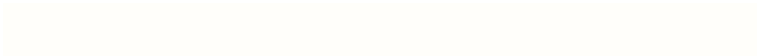
85, 6.840, 333.369

Sweetspot

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



85, 6.842, 103.383



100, 2.242, 103.868



82, 5.644, 8.967



53, 1.274, 103.875



0, 0.000, 0.000



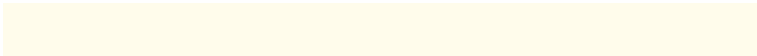
53, 0.007, 296.813

Same Dimension

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



85, 6.842, 103.383



99, 9.014, 103.268



85, 8.126, 123.935



45, 5.553, 103.125



62, 65.581, 93.504



15, 21.822, 96.437

Inverse Universe

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



81, 6.930, 284.942



94, 9.141, 285.069



81, 8.238, 304.638



42, 5.641, 285.229



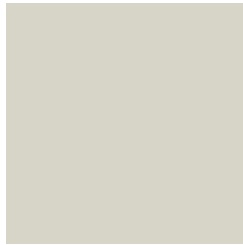
22, 91.935, 304.172



3, 25.044, 290.877

Previews

White Background



This preview shows how the CIELCh color 85, 6.840, 103.369 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, 6.840, 103.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

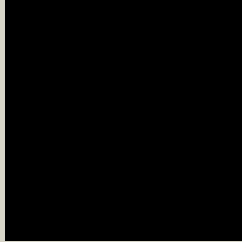
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

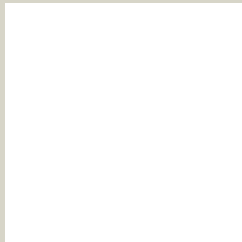
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 6.840, 103.369

Background



This preview shows how black text looks on a background with the CIELCh color 85, 6.840, 103.369.

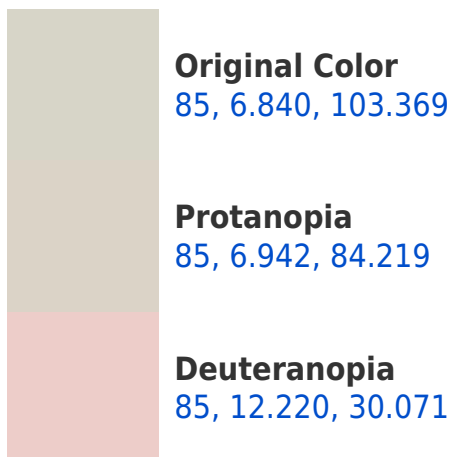


This preview shows how white text looks on a background with the CIELCh color 85, 6.840, 103.369.

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





Tritanopia
85, 9.053, 311.506

Trichromacy



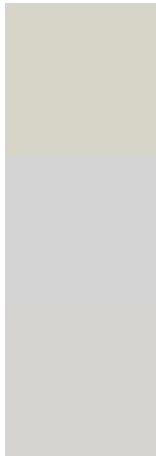
Original Color
85, 6.840, 103.369

Protanomaly
85, 7.046, 94.291

Deuteranomaly
85, 8.664, 44.842

Tritanomaly
85, 4.070, 328.726

Monochromacy



Original Color
85, 6.840, 103.369

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.118, 100.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 6.840, 103.369 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(215, 213, 200)` looks like.

```
.text, #text, p{  
    color:rgb(215, 213, 200)  
}
```

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(215, 213, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 213, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 6.840, 103.369 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(215, 213, 200) }
```

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

```
.border{ border-color:rgb(215, 213, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 213, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 213, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 213, 200);  
box-shadow:4px 4px 4px 4px rgb(215, 213,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 6.840, 103.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 213, 200) }
```

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

```
.background{ background-color: rgb(215,  
213, 200) }
```

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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