

Converting Colors

CIELCh(85, 7.571, 108.244)

Have a look what the booklet for
CIELCh(85, 7.571, 108.244) contains.

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Color

CIELCh(85, 7.337, 106.644)

Conversions

Conversions Part 1

Format	Color
Hex	D6D5C7
RGB	214, 213, 199
RGB Percent	84%, 84%, 78%
CMY	0.1608, 0.1647, 0.2196
CMYK	0.00, 0.00, 0.07, 0.16
HSL	56°, 15%, 81%
HSV	56°, 7%, 84%
XYZ	61.8335, 66.0070, 63.5133
YIQ	211.7030, 5.0900, -4.1420

Conversions

Conversions Part 2

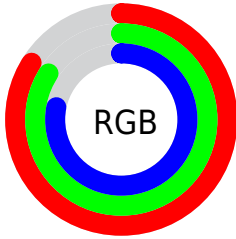
Format	Color
RYB	200, 214, 199
Decimal	14079431
CIELab	85.00, -2.10, 7.03
CIElCh	85, 7.337, 106.644
Yxy	66.0070, 0.3231, 0.3449
Android (android.graphics.Color)	4292269511 (0xFFD6D5C7)
YUV	211.7030, -6.2626, 2.0145
Hunter-Lab	81.2447, -6.3259, 10.5212

Details

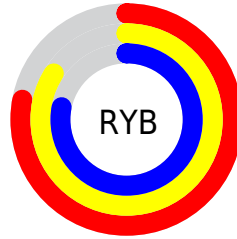
The CIELCh color **85, 7.337, 106.644** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 7.452, 288.130**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 7.203, 106.263** is the 20% darker color. If you saturate the color by 10%, you get **84, 17.807, 105.637**, and if you desaturate by 10%, it is **86, 3.144, 287.705**.

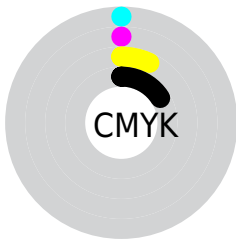
Distribution



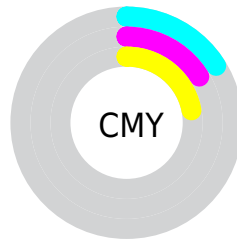
- Red (84%)
- Green (84%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 7.337, 106.644 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, 7.337, 106.644 by changing the saturation by 10% instead.

■ 85, 7.337, 106.644

■ 85, 7.337, 106.644

■ 100, 7.337,
106.644

■ 75, 7.337, 106.644

■ 65, 7.337, 106.644

■ 55, 7.337, 106.644

■ 45, 7.337, 106.644

■ 35, 7.337, 106.644

■ 25, 7.337, 106.644

■ 15, 7.337, 106.644

■ 5, 7.337, 106.644

■ 0, 7.337, 106.644

85, 7.337, 106.644

85, 7.337, 106.644

84, 17.807,
105.637

86, 3.144, 287.705

83, 28.202,
104.600

87, 13.605,
288.656

83, 38.427,
103.565

88, 19.749,
288.646

82, 48.329,
102.548

88, 19.009,
287.027

81, 57.664,
101.573

88, 18.286,
285.283

81, 66.057,
100.663

89, 17.581,
283.401

80, 72.992, 99.848

89, 16.896,
281.370

80, 77.886, 99.147

89, 16.234,
279.175

■ 79, 80.384, 98.562

■ 90, 15.598,
276.804

Harmonies

Complementary

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



85, 7.337, 106.644



81, 7.452, 288.130

Rectangle

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



85, 7.337, 106.644



85, 7.337, 156.644



85, 7.337, 286.644



85, 7.337, 336.644

Sweetspot

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



85, 7.339, 106.657



100, 2.406, 107.129



81, 5.580, 14.310



53, 1.367, 107.137



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, 7.339, 106.657



99, 9.658, 106.549



85, 8.238, 126.391



45, 5.948, 106.414



65, 68.442, 98.471



16, 23.378, 100.798

Inverse Universe

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



81, 7.452, 288.130



94, 9.823, 288.249



81, 8.342, 307.028



41, 6.063, 288.402



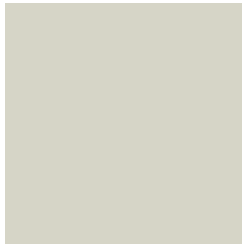
21, 96.024, 305.409



2, 26.303, 292.538

Previews

White Background



This preview shows how the CIELCh color 85, 7.337, 106.644 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, 7.337, 106.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

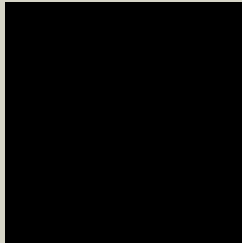
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

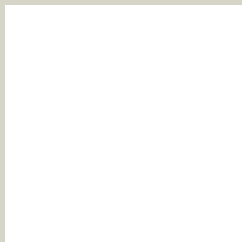
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 7.337, 106.644

Background



This preview shows how black text looks on a background with the CIELCh color 85, 7.337, 106.644.



This preview shows how white text looks on a background with the CIELCh color 85, 7.337, 106.644.

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, 7.337, 106.644

Protanopia

85, 7.422, 85.878

Deuteranopia

85, 12.220, 30.071



Tritanopia
85, 9.546, 310.401

Trichromacy



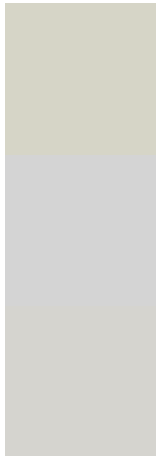
Original Color
85, 7.337, 106.644

Protanomaly
85, 7.554, 95.271

Deuteranomaly
85, 8.912, 47.835

Tritanomaly
85, 4.070, 328.726

Monochromacy



Original Color
85, 7.337, 106.644

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.637, 101.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 7.337, 106.644 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(214, 213, 199)` looks like.

```
.text, #text, p{  
    color:rgb(214, 213, 199)  
}
```

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(214, 213, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 213, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 7.337, 106.644 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(214, 213, 199) }
```

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

```
.border{ border-color:rgb(214, 213, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 213, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 213, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 213, 199);  
box-shadow:4px 4px 4px 4px rgb(214, 213,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 7.337, 106.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 213, 199) }
```

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

```
.background{ background-color: rgb(214,  
213, 199) }
```

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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