

Converting Colors

CIELCh(85, 10.986, 107.271)

Have a look what the booklet for
CIELCh(85, 10.986, 107.271)
contains.

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Color

CIELCh(85, 10.998, 107.271)

Conversions

Conversions Part 1

Format	Color
Hex	D6D5C0
RGB	214, 213, 192
RGB Percent	84%, 84%, 75%
CMY	0.1590, 0.1629, 0.2453
CMYK	0.00, 0.00, 0.10, 0.16
HSL	57°, 21%, 80%
HSV	57°, 10%, 84%
XYZ	61.3366, 66.0070, 59.6355
YIQ	210.9050, 7.3370, -6.3190

Conversions

Conversions Part 2

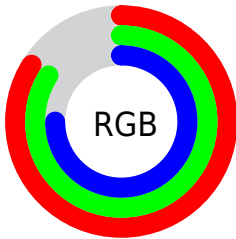
Format	Color
RYB	193, 214, 192
Decimal	14079424
CIELab	85.00, -3.27, 10.50
CIELCh	85, 10.998, 107.271
Yxy	66.0070, 0.3280, 0.3530
Android (android.graphics.Color)	4292269504 (0xFFD6D5C0)
YUV	210.9050, -9.3202, 2.7143
Hunter-Lab	81.2447, -7.4177, 13.3510

Details

The CIELCh color **85, 10.998, 107.271** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 11.241, 289.415**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.539, 109.892**, and **65, 10.516, 106.865** is the 20% darker color. If you saturate the color by 10%, you get **84, 21.682, 106.271**, and if you desaturate by 10%, it is **86, 0.272, 107.965**.

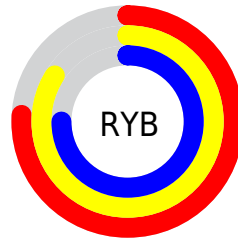
Distribution



Red (84%)

Green (84%)

Blue (75%)



Red (76%)

Yellow (84%)

Blue (75%)

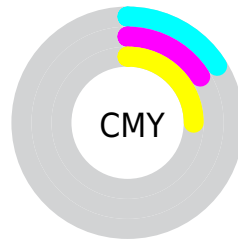


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 10.998, 107.271 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, 10.998, 107.271 by changing the saturation by 10% instead.

■ 85, 10.998,
107.271

■ 85, 10.998,
107.271

■ 100, 10.998,
107.271

■ 75, 10.998,
107.271

■ 65, 10.998,
107.271

■ 55, 10.998,
107.271

■ 45, 10.998,
107.271

■ 35, 10.998,
107.271

■ 25, 10.998,
107.271

■ 15, 10.998,

107.271

■ 5, 10.998, 107.271

■ 0, 10.998, 107.271

■ 85, 10.998,
107.271

■ 85, 10.998,
107.271

■ 84, 21.682,
106.271

■ 86, 0.272, 107.965

■ 84, 32.246,
105.257

■ 87, 10.455,
289.262

■ 83, 42.574,
104.255

■ 87, 20.220,
290.034

■ 83, 52.480,
103.285

■ 88, 19.704,
289.000

■ 82, 61.674,

■ 88, 19.194,
287.913

102.375

88, 18.692,
286.768

82, 69.732,
101.554

88, 18.198,
285.564

81, 76.106,
100.853

89, 17.712,
284.295

81, 80.262,
100.296

89, 17.235,
282.957

81, 82.238, 99.877

Harmonies

Complementary

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



85, 10.998, 107.271



79, 11.241, 289.415

Rectangle

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



85, 10.998, 107.271



85, 10.998, 157.271



85, 10.998, 287.271



85, 10.998, 337.271

Sweetspot

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



85, 11.000, 107.280



100, 3.694, 107.983



80, 8.268, 15.959



53, 2.802, 107.909



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, 11.000, 107.280



99, 14.800, 107.094



85, 12.134, 126.836



45, 6.077, 107.364



66, 69.457, 99.925



16, 23.892, 102.039

Inverse Universe

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



79, 11.241, 289.415



91, 15.178, 289.632



79, 12.331, 307.782



41, 6.201, 289.318



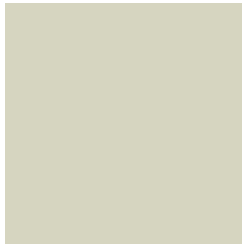
20, 96.995, 305.689



2, 26.706, 293.032

Previews

White Background



This preview shows how the CIELCh color 85, 10.998, 107.271 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, 10.998, 107.271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

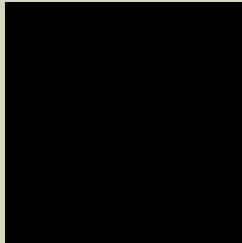
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

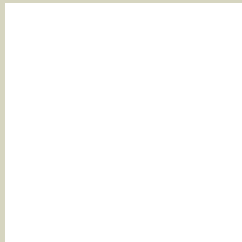
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 10.998, 107.271

Background



This preview shows how black text looks on a background with the CIELCh color 85, 10.998, 107.271.



This preview shows how white text looks on a background with the CIELCh color 85, 10.998, 107.271.

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, 10.998, 107.271

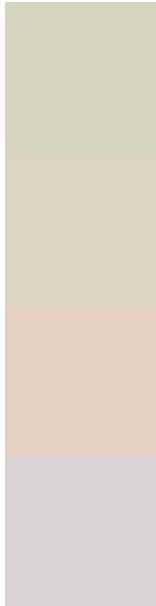
Protanopia
85, 11.130, 89.403

Deuteranopia
85, 14.221, 44.018



Tritanopia
85, 9.187, 313.588

Trichromacy



Original Color
85, 10.998, 107.271

Protanomaly
85, 10.789, 95.117

Deuteranomaly
85, 11.483, 62.845

Tritanomaly
85, 2.430, 353.740

Monochromacy



Original Color
85, 10.998, 107.271

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 4.191, 109.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 10.998, 107.271 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(214, 213, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 213, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 10.998, 107.271 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, 192) }
```

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

```
.border{ border-color:rgb(214, 213, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 213, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 213, 192);  
box-shadow:4px 4px 4px 4px rgb(214, 213,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 10.998, 107.271 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, 192) }
```

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

```
.background{ background-color: rgb(214,  
213, 192) }
```

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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