

Converting Colors

CIELCh(85, 5.946, 147.385)

Have a look what the booklet for
CIELCh(85, 5.946, 147.385) contains.

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Color

CIELCh(85, 5.987, 147.048)

Conversions

Conversions Part 1

Format	Color
Hex	CDD7CE
RGB	205, 215, 206
RGB Percent	80%, 84%, 81%
CMY	0.1962, 0.1570, 0.1923
CMYK	0.05, 0.00, 0.04, 0.16
HSL	126°, 11%, 82%
HSV	126°, 5%, 84%
XYZ	60.5907, 66.0070, 67.9132
YIQ	210.9840, -3.0710, -4.9190

Conversions

Conversions Part 2

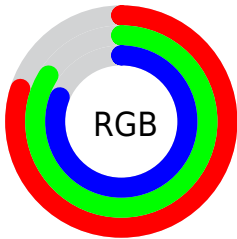
Format	Color
R _Y B	205, 214, 215
Decimal	13490126
CIE Lab	85.00, -5.02, 3.26
CIE LCh	85, 5.987, 147.048
Yxy	66.0070, 0.3115, 0.3393
Android (android.graphics.Color)	4291680206 (0xFFCDD7CE)
YUV	210.9840, -2.4571, -5.2480
Hunter-Lab	81.2447, -9.0565, 7.3102

Details

The CIELCh color $85, 5.987, 147.048$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 6.009, 327.490$, 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 $65, 5.653, 147.326$ is the 20% darker color. If you saturate the color by 10%, you get $83, 18.992, 146.351$, and if you desaturate by 10%, it is $87, 6.838, 327.519$.

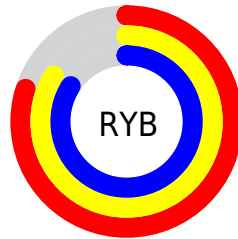
Distribution



Red (80%)

Green (84%)

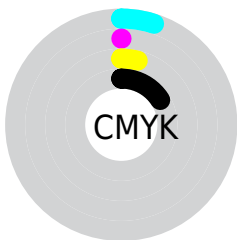
Blue (81%)



Red (80%)

Yellow (84%)

Blue (84%)

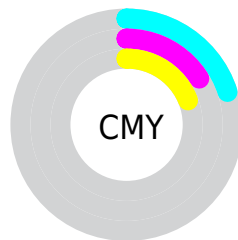


Cyan (5%)

Magenta (0%)

Yellow (4%)

Black (16%)



Cyan (20%)

Magenta (16%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 5.987, 147.048 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, 5.987, 147.048 by changing the saturation by 10% instead.

■ 85, 5.987, 147.048

■ 85, 5.987, 147.048

■ 100, 5.987,
147.048

■ 75, 5.987, 147.048

■ 65, 5.987, 147.048

■ 55, 5.987, 147.048

■ 45, 5.987, 147.048

■ 35, 5.987, 147.048

■ 25, 5.987, 147.048

■ 15, 5.987, 147.048

■ 5, 5.987, 147.048

■ 0, 5.987, 147.048

85, 5.987, 147.048

85, 5.987, 147.048

83, 18.992,
146.351

87, 6.838, 327.519

81, 32.026,
145.569

89, 19.386,
328.031

80, 44.892,
144.663

90, 25.082,
325.298


79, 57.339,
143.618

77, 69.062,
142.434

77, 79.712,
141.132

76, 88.904,
139.767

76, 96.250,
138.435

 75, 101.418,
137.267

Harmonies

Complementary

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



85, 5.987, 147.048



83, 6.009, 327.490

Rectangle

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



85, 5.987, 147.048



85, 5.987, 197.048



85, 5.987, 327.048



85, 5.987, 17.048

Sweetspot

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



85, 5.989, 147.047



100, 1.466, 147.445



86, 5.241, 113.063



53, 0.833, 147.460



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, 5.989, 147.047



99, 8.882, 146.949



85, 4.233, 168.104



44, 5.108, 146.912



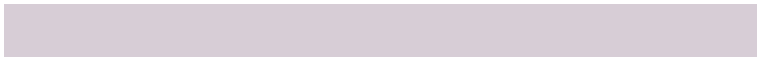
61, 86.691, 136.972



14, 30.565, 142.759

Inverse Universe

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



83, 6.009, 327.490



96, 8.906, 327.582



83, 4.279, 348.701



43, 5.121, 327.616



40, 79.184, 332.632



6, 30.632, 331.574

Previews

White Background



This preview shows how the CIELCh color 85, 5.987, 147.048 looks on a white background.

Color Contrast Check

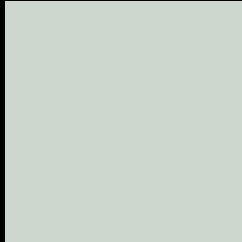
Large Text (above 18pt) WCAG AA × Fail

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, 5.987, 147.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

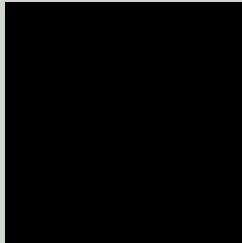
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

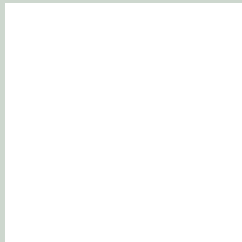
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 5.987, 147.048

Background



This preview shows how black text looks on a background with the CIELCh color 85, 5.987, 147.048.

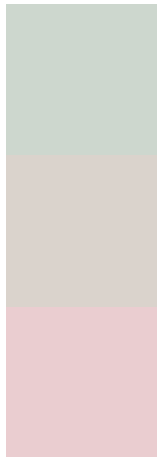


This preview shows how white text looks on a background with the CIELCh color 85, 5.987, 147.048.

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

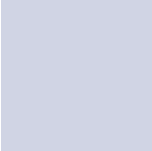
85, 5.987, 147.048

Protanopia

85, 4.467, 74.553

Deuteranopia

85, 10.861, 11.893



Tritanopia
85, 8.509, 281.470

Trichromacy



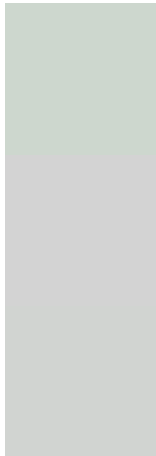
Original Color
85, 5.987, 147.048

Protanomaly
85, 3.680, 104.132

Deuteranomaly
85, 5.253, 31.166

Tritanomaly
85, 4.221, 260.315

Monochromacy



Original Color
85, 5.987, 147.048

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 1.918, 144.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 5.987, 147.048 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(205, 215, 206)` looks like.

```
.text, #text, p{  
    color:rgb(205, 215, 206)  
}
```

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(205, 215, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 215, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 5.987, 147.048 is called "border". The border property can be set on classes, ids or directly on the HTML element.

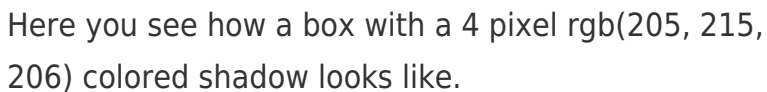
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 215, 206) }
```

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

```
.border{ border-color:rgb(205, 215, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 215, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 215, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 215, 206);  
box-shadow:4px 4px 4px 4px rgb(205, 215,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 5.987, 147.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 215, 206) }
```

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

```
.background{ background-color: rgb(205,  
215, 206) }
```

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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