

Converting Colors

CIELCh(84, 3.758, 91.799)

Have a look what the booklet for
CIELCh(84, 3.758, 91.799) contains.

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Color

CIELCh(84, 3.826, 93.070)

Conversions

Conversions Part 1

Format	Color
Hex	D4D1CA
RGB	212, 209, 202
RGB Percent	83%, 82%, 79%
CMY	0.1675, 0.1792, 0.2067
CMYK	0.00, 0.01, 0.05, 0.17
HSL	42°, 10%, 81%
HSV	42°, 5%, 83%
XYZ	60.8058, 64.0658, 65.2215
YIQ	209.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

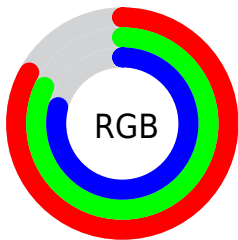
Format	Color
R_{YB}	206, 212, 202
Decimal	13947338
CIE _{Lab}	84.00, -0.20, 3.82
CIE _{LCh}	84, 3.826, 93.070
Yxy	64.0658, 0.3199, 0.3370
Android (android.graphics.Color)	4292137418 (0xFFD4D1CA)
YUV	209.0990, -3.4998, 2.5442
Hunter-Lab	80.0411, -4.4687, 7.7163

Details

The CIELCh color **84, 3.826, 93.070** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 3.847, 274.366**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 3.957, 98.359** is the 20% darker color. If you saturate the color by 10%, you get **82, 12.077, 91.901**, and if you desaturate by 10%, it is **86, 4.278, 274.405**.

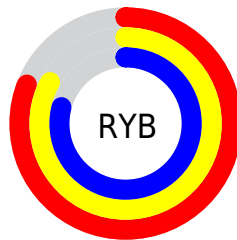
Distribution



Red (83%)

Green (82%)

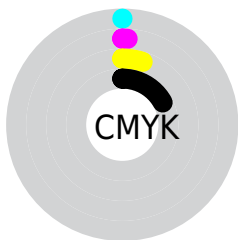
Blue (79%)



Red (81%)

Yellow (83%)

Blue (79%)

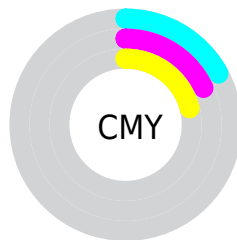


Cyan (0%)

Magenta (1%)

Yellow (5%)

Black (17%)



Cyan (17%)

Magenta (18%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 3.826, 93.070 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 84, 3.826, 93.070 by changing the saturation by 10% instead.



84, 3.826, 93.070

84, 3.826, 93.070

82, 12.077, 91.901

86, 4.278, 274.405

80, 20.461, 90.627

88, 12.241,
275.513

78, 28.949, 89.310

90, 14.693,
269.907

76, 37.474, 87.954

74, 45.905, 86.556

92, 12.709,
254.919

72, 53.997, 85.101

94, 11.829,
236.341

70, 61.322, 83.548

69, 67.215, 81.813

95, 12.267,
217.205

67, 70.881, 79.754

97, 13.877,
201.070

97, 14.273,
198.554

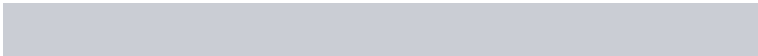
Harmonies

Complementary

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



84, 3.826, 93.070



82, 3.847, 274.366

Rectangle

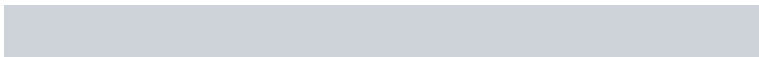
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 3.826, 93.070



84, 3.826, 143.070



84, 3.826, 273.070



84, 3.826, 323.070

Sweetspot

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



84, 3.827, 93.099



100, 0.931, 93.324



82, 4.006, 356.271



53, 0.529, 93.315



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 3.827, 93.099



98, 5.666, 92.948



85, 5.300, 117.680



44, 3.259, 92.886



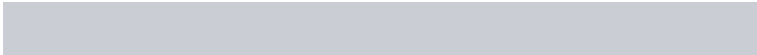
54, 61.383, 78.977



12, 18.628, 82.128

Inverse Universe

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



82, 3.847, 274.366



96, 5.690, 274.528



82, 5.369, 298.315



43, 3.272, 274.594



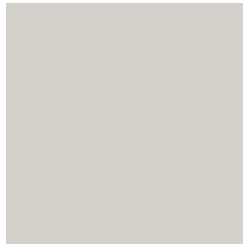
28, 75.843, 298.173



4, 21.902, 285.705

Previews

White Background



This preview shows how the CIELCh color 84, 3.826, 93.070 looks on a white background.

Color Contrast Check

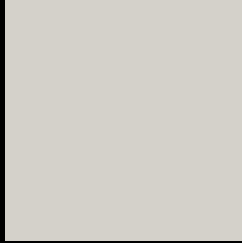
Large Text (above 18pt) WCAG AA × Fail

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 84, 3.826, 93.070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

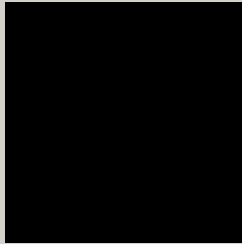
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

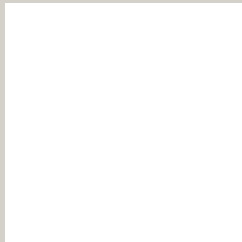
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 3.826, 93.070

Background



This preview shows how black text looks on a background with the CIELCh color 84, 3.826, 93.070.

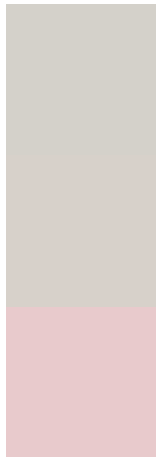


This preview shows how white text looks on a background with the CIELCh color 84, 3.826, 93.070.

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

84, 3.826, 93.070

Protanopia

84, 4.273, 78.632

Deuteranopia

84, 11.225, 14.876



Tritanopia
84, 9.077, 311.510

Trichromacy



Original Color
84, 3.826, 93.070

Protanomaly
84, 4.096, 83.091

Deuteranomaly
84, 7.499, 27.915

Tritanomaly
84, 4.948, 321.132

Monochromacy



Original Color
84, 3.826, 93.070

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 1.101, 90.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 3.826, 93.070 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(212, 209, 202)` looks like.

```
.text, #text, p{  
    color:rgb(212, 209, 202)  
}
```

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(212, 209, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 209, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 3.826, 93.070 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(212, 209, 202) }
```

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

```
.border{ border-color:rgb(212, 209, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 209, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 209, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 209, 202);  
box-shadow:4px 4px 4px 4px rgb(212, 209,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 3.826, 93.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 209, 202) }
```

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

```
.background{ background-color: rgb(212,  
209, 202) }
```

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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