

Converting Colors

CIELCh(80, 11.950, 341.908)

Have a look what the booklet for
CIELCh(80, 11.950, 341.908)
contains.

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Color

CIELCh(80, 11.843, 341.437)

Conversions

Conversions Part 1

Format	Color
Hex	D9C0CE
RGB	217, 192, 206
RGB Percent	85%, 75%, 81%
CMY	0.1504, 0.2484, 0.1935
CMYK	0.00, 0.12, 0.05, 0.15
HSL	326°, 25%, 80%
HSV	326°, 12%, 85%
XYZ	58.3790, 56.6813, 66.0304
YIQ	201.0710, 10.4060, 9.6540

Conversions

Conversions Part 2

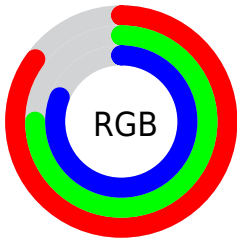
Format	Color
R _Y B	217, 192, 206
Decimal	14270670
CIE Lab	80.00, 11.23, -3.77
CIE LCh	80, 11.843, 341.437
Yxy	56.6813, 0.3224, 0.3130
Android (android.graphics.Color)	4292460750 (0xFFD9C0CE)
YUV	201.0710, 2.4300, 13.9697
Hunter-Lab	75.2870, 6.6601, 0.7006

Details

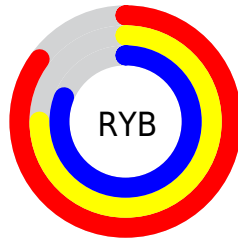
The CIELCh color **80, 11.843, 341.437** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 11.706, 159.663**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 4.358, 324.523**, and **60, 12.232, 340.535** is the 20% darker color. If you saturate the color by 10%, you get **74, 22.288, 342.333**, and if you desaturate by 10%, it is **86, 1.563, 340.414**.

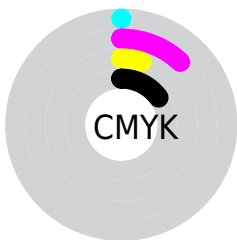
Distribution



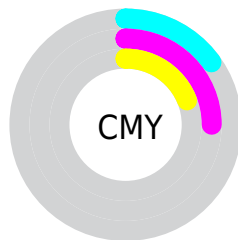
- Red (85%)
- Green (75%)
- Blue (81%)



- Red (85%)
- Yellow (75%)
- Blue (81%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (15%)





- Cyan (15%)
- Magenta (25%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 11.843, 341.437 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 80, 11.843, 341.437 by changing the saturation by 10% instead.


 80, 11.843,
341.437


 80, 11.843,
341.437


 100, 11.843,
341.437


 70, 11.843,
341.437


 60, 11.843,
341.437

 50, 11.843,
341.437

 40, 11.843,
341.437

 30, 11.843,
341.437

 20, 11.843,
341.437

 10, 11.843,

341.437

0, 11.843, 341.437

80, 11.843,
341.437

80, 11.843,
341.437

74, 22.288,
342.333

86, 1.563, 340.414

69, 32.745,
343.312

91, 8.453, 159.989

64, 42.958,
344.411

97, 17.187,
160.264

60, 52.565,
345.673

97, 14.446,
175.094

55, 61.092,
347.160

97, 12.974,
194.809

97, 12.886,
198.645

■ 52, 68.001,
348.961

■ 50, 72.812,
351.195

■ 48, 75.291,
354.005

■ 47, 75.953,
356.851

Harmonies

Complementary

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



80, 11.843, 341.437



84, 11.706, 159.663

Rectangle

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



80, 11.843, 341.437



80, 11.843, 31.437



80, 11.843, 161.437



80, 11.843, 211.437

Sweetspot

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



80, 11.841, 341.440



98, 3.486, 340.658



79, 13.958, 307.263



52, 2.644, 340.749



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 11.841, 341.440



91, 16.445, 341.666



80, 9.423, 14.738



42, 5.760, 341.257



37, 63.782, 356.206



5, 24.222, 350.138

Inverse Universe

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



80, 11.841, 341.440



91, 16.445, 341.666



85, 8.837, 193.126



42, 5.760, 341.257



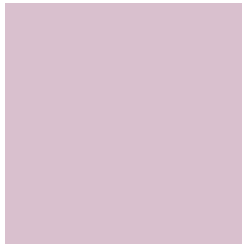
37, 63.782, 356.206



5, 24.222, 350.138

Previews

White Background



This preview shows how the CIELCh color 80, 11.843, 341.437 looks on a white background.

Color Contrast Check

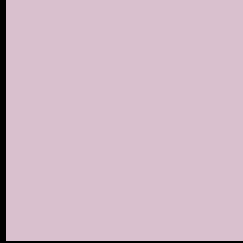
Large Text (above 18pt) WCAG AA × Fail

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 80, 11.843, 341.437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

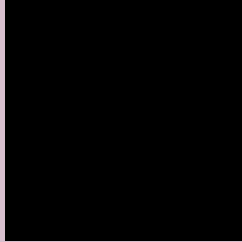
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 11.843, 341.437

Background



This preview shows how black text looks on a background with the CIELCh color 80, 11.843, 341.437.



This preview shows how white text looks on a background with the CIELCh color 80, 11.843, 341.437.

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

80, 11.843, 341.437

Protanopia

80, 6.452, 297.128

Deuteranopia

80, 10.663, 339.810



Tritanopia
80, 12.176, 339.479

Trichromacy



Original Color
80, 11.843, 341.437

Protanomaly
80, 7.860, 318.125

Deuteranomaly
80, 10.945, 341.104

Tritanomaly
80, 12.176, 339.479

Monochromacy



Original Color
80, 11.843, 341.437

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 4.257, 341.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 11.843, 341.437 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(217, 192, 206)` looks like.

```
.text, #text, p{  
    color:rgb(217, 192, 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(217, 192, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 192, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 11.843, 341.437 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(217, 192, 206) }
```

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

```
.border{ border-color:rgb(217, 192, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 192, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 192, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 192, 206); box-shadow:4px 4px 4px 4px rgb(217, 192, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 11.843, 341.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 192, 206) }
```

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

```
.background{ background-color: rgb(217,  
192, 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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