

Converting Colors

CIELCh(83, 4.751, 31.535)

Have a look what the booklet for
CIELCh(83, 4.751, 31.535) contains.

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Color

CIELCh(83, 4.912, 32.010)

Conversions

Conversions Part 1

Format	Color
Hex	D9CCCA
RGB	217, 204, 202
RGB Percent	85%, 80%, 79%
CMY	0.1492, 0.2002, 0.2081
CMYK	0.00, 0.06, 0.07, 0.15
HSL	8°, 16%, 82%
HSV	8°, 7%, 85%
XYZ	60.8311, 62.1629, 64.6345
YIQ	207.6590, 8.3900, 2.1340

Conversions

Conversions Part 2

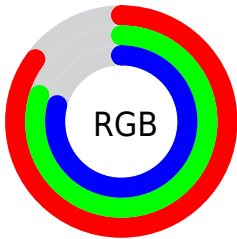
Format	Color
R _Y B	217, 204, 202
Decimal	14273738
CIE Lab	83.00, 4.17, 2.60
CIE LCh	83, 4.912, 32.010
Yxy	62.1629, 0.3242, 0.3313
Android (android.graphics.Color)	4292463818 (0xFFD9CCCA)
YUV	207.6590, -2.7899, 8.1921
Hunter-Lab	78.8435, -0.2558, 6.5855

Details

The CIELCh color **83, 4.912, 32.010** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 4.700, 212.180**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **63, 4.838, 33.039** is the 20% darker color. If you saturate the color by 10%, you get **78, 12.525, 32.313**, and if you desaturate by 10%, it is **88, 2.107, 212.349**.

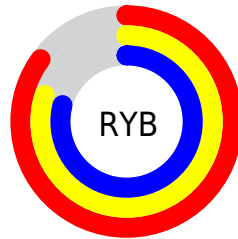
Distribution



Red (85%)

Green (80%)

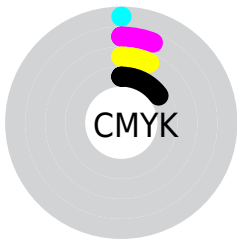
Blue (79%)



Red (85%)

Yellow (80%)

Blue (79%)

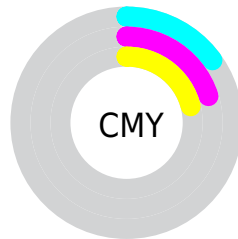


Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (15%)



Cyan (15%)

Magenta (20%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 4.912, 32.010 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 83, 4.912, 32.010 by changing the saturation by 10% instead.



83, 4.912, 32.010

83, 4.912, 32.010

78, 12.525, 32.313

88, 2.107, 212.349

73, 20.784, 32.690

94, 8.585, 212.140

68, 29.712, 33.259

97, 12.790,
198.652

63, 39.297, 34.080

59, 49.463, 35.208

55, 60.034, 36.674

51, 70.658, 38.423

49, 80.581, 40.177

47, 88.246, 41.245

Harmonies

Complementary

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



83, 4.912, 32.010



85, 4.700, 212.180

Rectangle

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



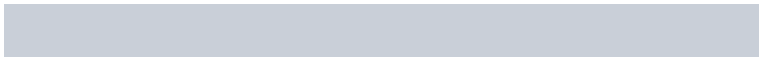
83, 4.912, 32.010



83, 4.912, 82.010



83, 4.912, 212.010



83, 4.912, 262.010

Sweetspot

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



83, 4.911, 32.036



99, 1.587, 31.682



83, 8.797, 328.679



53, 0.902, 31.659



0, 0.000, 0.000



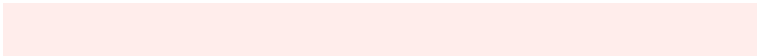
53, 0.007, 296.813

Same Dimension

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



83, 4.911, 32.036



95, 6.511, 32.071



85, 5.360, 87.450



43, 4.111, 32.108



37, 76.042, 41.874



6, 21.823, 27.316

Inverse Universe

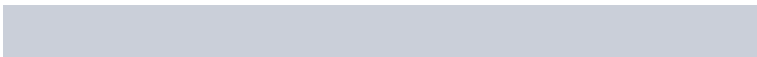
The Inverse Universe completely reimagines the original color for something new.



85, 4.700, 212.180



98, 6.183, 212.162



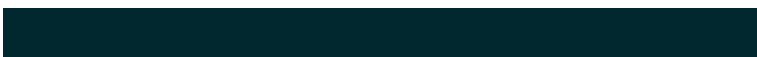
83, 5.354, 269.317



45, 3.868, 212.149



57, 32.798, 221.015



14, 13.330, 216.240

Previews

White Background



This preview shows how the CIELCh color 83, 4.912, 32.010 looks on a white background.

Color Contrast Check

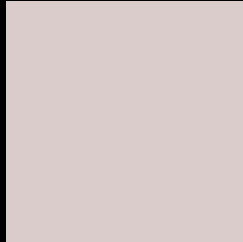
Large Text (above 18pt) WCAG AA × Fail

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 83, 4.912, 32.010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

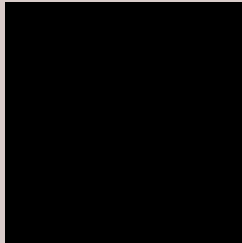
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

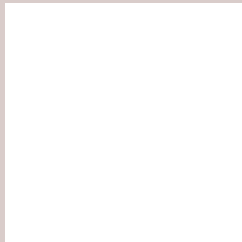
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 4.912, 32.010

Background



This preview shows how black text looks on a background with the CIELCh color 83, 4.912, 32.010.

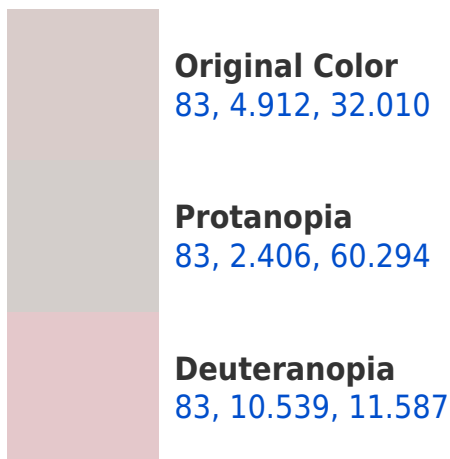


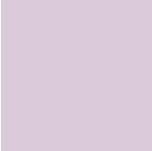
This preview shows how white text looks on a background with the CIELCh color 83, 4.912, 32.010.

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





Tritanopia
83, 10.069, 328.236

Trichromacy



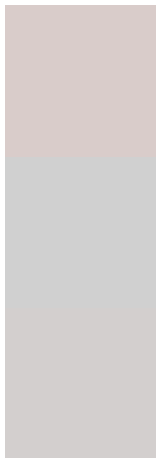
Original Color
83, 4.912, 32.010

Protanomaly
83, 3.114, 39.199

Deuteranomaly
83, 8.602, 12.992

Tritanomaly
83, 7.268, 339.094

Monochromacy



Original Color
83, 4.912, 32.010

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 1.544, 39.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 4.912, 32.010 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, 204, 202)` looks like.

```
.text, #text, p{  
    color:rgb(217, 204, 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(217, 204, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 204, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 4.912, 32.010 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, 204, 202) }
```

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

```
.border{ border-color:rgb(217, 204, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 204, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 204, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 204, 202);  
box-shadow:4px 4px 4px 4px rgb(217, 204,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 4.912, 32.010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 204, 202) }
```

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

```
.background{ background-color: rgb(217,  
204, 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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