

Converting Colors

CIELCh(83, 8.531, 72.686)

Have a look what the booklet for
CIELCh(83, 8.531, 72.686) contains.

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Color

CIELCh(83, 8.406, 73.917)

Conversions

Conversions Part 1

Format	Color
Hex	DACDC0
RGB	218, 205, 192
RGB Percent	85%, 80%, 75%
CMY	0.1463, 0.1973, 0.2483
CMYK	0.00, 0.06, 0.12, 0.15
HSL	30°, 26%, 80%
HSV	30°, 12%, 85%
XYZ	60.0566, 62.1629, 58.5239
YIQ	207.4050, 11.9210, -1.2870

Conversions

Conversions Part 2

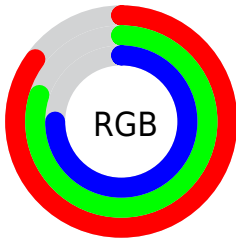
Format	Color
R _Y B	218, 218, 192
Decimal	14339520
CIE Lab	83.00, 2.33, 8.08
CIE LCh	83, 8.406, 73.917
Yxy	62.1629, 0.3323, 0.3439
Android (android.graphics.Color)	4292529600 (0xFFDACDC0)
YUV	207.4050, -7.5947, 9.2918
Hunter-Lab	78.8435, -2.0092, 11.1807




Details

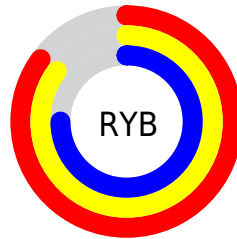
The CIELCh color **83, 8.406, 73.917** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 8.164, 257.073**, and the grayscale version is **83, 0.010, 296.813**.




A 20% lighter version of the original color is **100, 3.539, 109.892**, and **63, 8.239, 73.616** is the 20% darker color. If you saturate the color by 10%, you get **80, 15.817, 72.710**, and if you desaturate by 10%, it is **86, 1.329, 74.910**.

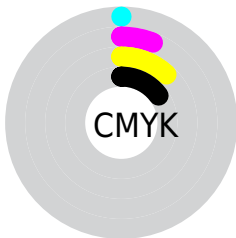
Distribution







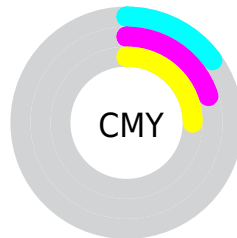
-  Red (85%)
-  Green (80%)
-  Blue (75%)






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



-  Cyan (0%)
-  Magenta (6%)
-  Yellow (12%)
-  Black (15%)



















-  Cyan (15%)
-  Magenta (20%)
-  Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 8.406, 73.917 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, 8.406, 73.917 by changing the saturation by 10% instead.



 83, 8.406, 73.917	 83, 8.406, 73.917
 80, 15.817, 72.710	 86, 1.329, 74.910
 77, 23.581, 71.458	 90, 5.444, 256.472
 73, 31.702, 70.191	 93, 11.116, 254.488
 70, 40.145, 68.910	
 68, 48.799, 67.592	 96, 10.753, 217.792
 65, 57.404, 66.176	 97, 12.550, 198.668
 62, 65.426, 64.520	
 60, 71.946, 62.346	
 58, 75.809, 60.164	

Harmonies

Complementary

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



83, 8.406, 73.917



82, 8.164, 257.073

Rectangle

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



83, 8.406, 73.917



83, 8.406, 123.917



83, 8.406, 253.917



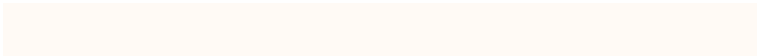
83, 8.406, 303.917

Sweetspot

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



83, 8.407, 73.934



98, 3.140, 74.810



80, 11.822, 344.626



52, 2.236, 74.740



0, 0.000, 0.000



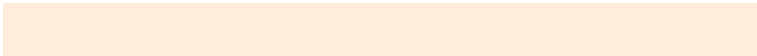
53, 0.007, 296.813

Same Dimension

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



83, 8.407, 73.934



95, 11.265, 73.671



86, 13.548, 109.024



44, 3.997, 74.230



47, 63.774, 60.796



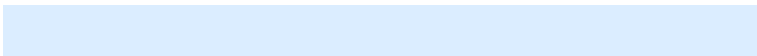
10, 18.352, 59.808

Inverse Universe

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



82, 8.164, 257.073



93, 10.871, 257.393



78, 13.925, 291.440



44, 3.910, 256.726



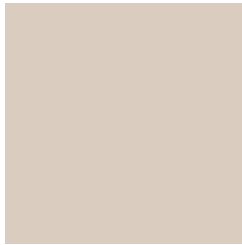
37, 53.856, 283.860



7, 18.123, 273.813

Previews

White Background



This preview shows how the CIELCh color 83, 8.406, 73.917 looks on a white background.

Color Contrast Check

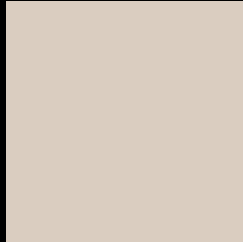
Large Text (above 18pt) WCAG AA × Fail

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, 8.406, 73.917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

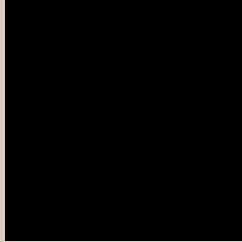
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

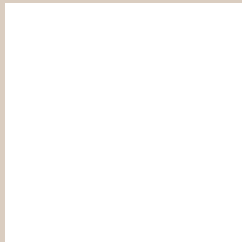
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 8.406, 73.917

Background



This preview shows how black text looks on a background with the CIELCh color 83, 8.406, 73.917.



This preview shows how white text looks on a background with the CIELCh color 83, 8.406, 73.917.

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

83, 8.406, 73.917

Protanopia

83, 7.945, 87.300

Deuteranopia

83, 12.725, 36.988



Tritanopia
83, 11.168, 331.062

Trichromacy



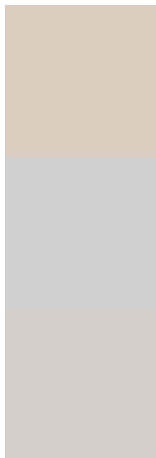
Original Color
83, 8.406, 73.917

Protanomaly
83, 8.094, 84.816

Deuteranomaly
83, 10.598, 46.442

Tritanomaly
83, 7.340, 354.390

Monochromacy



Original Color
83, 8.406, 73.917

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 3.196, 74.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 8.406, 73.917 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(218, 205, 192)` looks like.

```
.text, #text, p{  
    color:rgb(218, 205, 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(218, 205, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 205, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 8.406, 73.917 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(218, 205, 192) }
```

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

```
.border{ border-color:rgb(218, 205, 192) }
```

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

Here you see how a box with a 4 pixel rgb(218, 205, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 205, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 205, 192);  
box-shadow:4px 4px 4px 4px rgb(218, 205,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 8.406, 73.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 205, 192) }
```

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

```
.background{ background-color: rgb(218,  
205, 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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