

Converting Colors

CIELCh(83, 8.232, 70.506)

Have a look what the booklet for
CIELCh(83, 8.232, 70.506) contains.

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Color

CIELCh(83, 8.224, 69.703)

Conversions

Conversions Part 1

Format	Color
Hex	DACCC0
RGB	218, 204, 192
RGB Percent	85%, 80%, 75%
CMY	0.1435, 0.1984, 0.2455
CMYK	0.00, 0.06, 0.12, 0.14
HSL	28°, 26%, 81%
HSV	28°, 12%, 86%
XYZ	60.2769, 62.1629, 58.9174
YIQ	206.8180, 12.1960, -0.7640

Conversions

Conversions Part 2

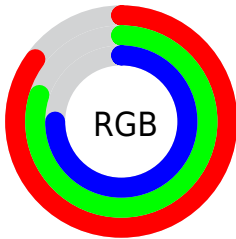
Format	Color
RYB	218, 214, 192
Decimal	14339264
CIELab	83.00, 2.85, 7.71
CIELCh	83, 8.224, 69.703
Yxy	62.1629, 0.3324, 0.3428
Android (android.graphics.Color)	4292529344 (0xFFDACCC0)
YUV	206.8180, -7.3053, 9.8066
Hunter-Lab	78.8435, -1.5103, 10.8848

Details

The CIELCh color **83, 8.224, 69.703** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 7.929, 252.732**, 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, 8.055, 69.061** is the 20% darker color. If you saturate the color by 10%, you get **80, 15.543, 68.570**, and if you desaturate by 10%, it is **87, 1.279, 70.605**.

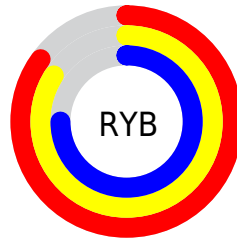
Distribution



Red (85%)

Green (80%)

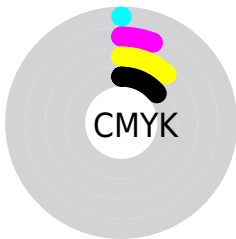
Blue (75%)



Red (85%)

Yellow (84%)

Blue (75%)

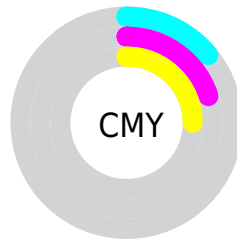


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (14%)



Cyan (14%)

Magenta (20%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 8.224, 69.703 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, 8.224, 69.703 by changing the saturation by 10% instead.

 83, 8.224, 69.703

 83, 8.224, 69.703

 100, 8.224, 69.703

 73, 8.224, 69.703

 63, 8.224, 69.703

 53, 8.224, 69.703

 43, 8.224, 69.703

 33, 8.224, 69.703

 23, 8.224, 69.703

 13, 8.224, 69.703

 3, 8.224, 69.703

 0, 8.224, 69.703

83, 8.224, 69.703

83, 8.224, 69.703

80, 15.543, 68.570

87, 1.279, 70.605

76, 23.262, 67.404

90, 5.329, 252.164

73, 31.396, 66.240

94, 10.519,
247.977

70, 39.921, 65.079

97, 11.219,
208.194

67, 48.742, 63.902

64, 57.618, 62.648

98, 12.320,
198.683

61, 66.036, 61.168

58, 73.058, 59.163

56, 77.356, 57.096

Harmonies

Complementary

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



83, 8.224, 69.703



82, 7.929, 252.732

Rectangle

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



83, 8.224, 69.703



83, 8.224, 119.703



83, 8.224, 249.703



83, 8.224, 299.703

Sweetspot

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



83, 8.224, 69.721



98, 3.065, 70.535



80, 12.227, 341.978



52, 2.183, 70.472



0, 0.000, 0.000



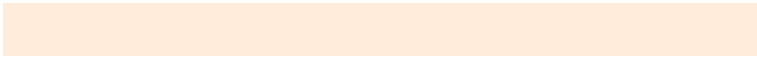
53, 0.007, 296.813

Same Dimension

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



83, 8.224, 69.721



94, 11.029, 69.469



86, 12.892, 106.904



44, 3.908, 69.996



45, 64.861, 57.736



10, 18.399, 55.374

Inverse Universe

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



82, 7.929, 252.732



93, 10.549, 253.044



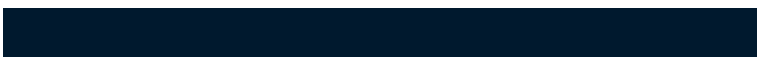
79, 13.213, 289.409



44, 3.800, 252.403



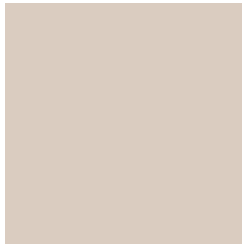
39, 49.830, 279.803



8, 17.043, 269.562

Previews

White Background



This preview shows how the CIELCh color 83, 8.224, 69.703 looks on a white background.

Color Contrast Check

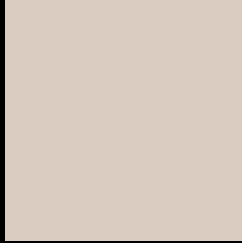
Large Text (above 18pt) WCAG AA × Fail

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, 8.224, 69.703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

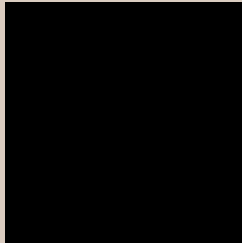
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 8.224, 69.703

Background



This preview shows how black text looks on a background with the CIELCh color 83, 8.224, 69.703.

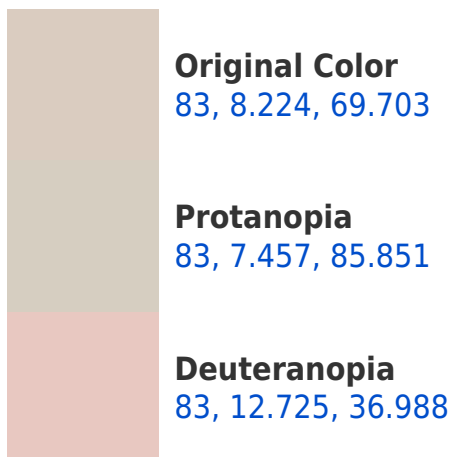


This preview shows how white text looks on a background with the CIELCh color 83, 8.224, 69.703.

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, 11.406, 332.475

Trichromacy



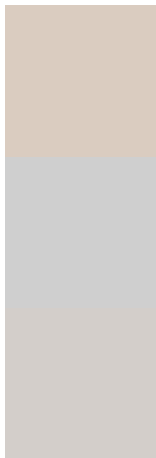
Original Color
83, 8.224, 69.703

Protanomaly
83, 7.536, 76.367

Deuteranomaly
83, 10.598, 46.442

Tritanomaly
83, 7.675, 355.621

Monochromacy



Original Color
83, 8.224, 69.703

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 2.779, 68.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 8.224, 69.703 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, 204, 192)` looks like.

```
.text, #text, p{  
    color:rgb(218, 204, 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, 204, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 204, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 8.224, 69.703 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, 204, 192) }
```

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

```
.border{ border-color:rgb(218, 204, 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, 204, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 204, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 204, 192);  
box-shadow:4px 4px 4px 4px rgb(218, 204,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 8.224, 69.703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 204, 192) }
```

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

```
.background{ background-color: rgb(218,  
204, 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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