

Converting Colors

CIELCh(83, 7.032, 56.416)

Have a look what the booklet for
CIELCh(83, 7.032, 56.416) contains.

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Color

CIELCh(83, 7.009, 56.539)

Conversions

Conversions Part 1

Format	Color
Hex	DBCCCC
RGB	219, 204, 196
RGB Percent	86%, 80%, 77%
CMY	0.1416, 0.2004, 0.2318
CMYK	0.00, 0.07, 0.11, 0.14
HSL	21°, 24%, 81%
HSV	21°, 11%, 86%
XYZ	60.7039, 62.1629, 60.9644
YIQ	207.5730, 11.5080, 0.6920

Conversions

Conversions Part 2

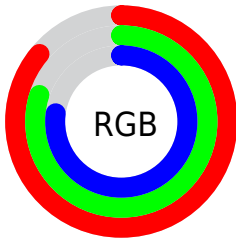
Format	Color
R _Y B	219, 208, 196
Decimal	14404804
CIE Lab	83.00, 3.86, 5.85
CIE LCh	83, 7.009, 56.539
Yxy	62.1629, 0.3302, 0.3382
Android (android.graphics.Color)	4292594884 (0xFFDBCCC4)
YUV	207.5730, -5.7055, 10.0215
Hunter-Lab	78.8435, -0.5438, 9.3455

Details

The CIELCh color **83, 7.009, 56.539** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 6.664, 238.598**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **63, 7.149, 58.216** is the 20% darker color. If you saturate the color by 10%, you get **79, 14.174, 55.788**, and if you desaturate by 10%, it is **87, 0.321, 55.882**.

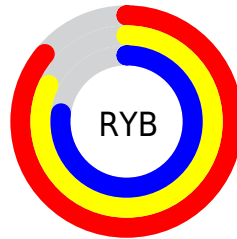
Distribution



Red (86%)

Green (80%)

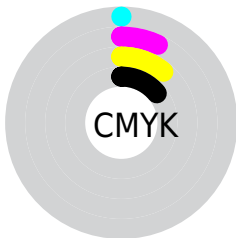
Blue (77%)



Red (86%)

Yellow (82%)

Blue (77%)

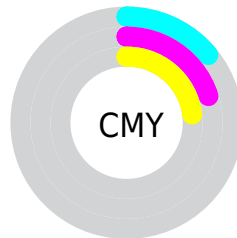


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (14%)



Cyan (14%)

Magenta (20%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 7.009, 56.539 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, 7.009, 56.539 by changing the saturation by 10% instead.

 83, 7.009, 56.539

 83, 7.009, 56.539

 100, 7.009, 56.539

 73, 7.009, 56.539

 63, 7.009, 56.539

 53, 7.009, 56.539

 43, 7.009, 56.539

 33, 7.009, 56.539

 23, 7.009, 56.539

 13, 7.009, 56.539

 3, 7.009, 56.539

 0, 7.009, 56.539

83, 7.009, 56.539

83, 7.009, 56.539

79, 14.174, 55.788

87, 0.321, 55.882

75, 21.862, 55.044

91, 5.940, 238.426

71, 30.108, 54.361

95, 10.185,
223.656

67, 38.917, 53.757

98, 12.159,
198.694

64, 48.237, 53.227

60, 57.893, 52.729

57, 67.461, 52.128

54, 76.034, 51.101

52, 82.403, 49.534

Harmonies

Complementary

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



83, 7.009, 56.539



84, 6.664, 238.598

Rectangle

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



83, 7.009, 56.539



83, 7.009, 106.539



83, 7.009, 236.539



83, 7.009, 286.539

Sweetspot

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



83, 7.009, 56.560



99, 2.204, 57.001



81, 11.710, 336.378



52, 1.677, 56.988



0, 0.000, 0.000



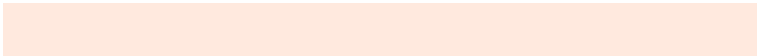
53, 0.007, 296.813

Same Dimension

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



83, 7.009, 56.560



94, 9.907, 56.360



86, 10.106, 101.160



44, 3.779, 56.640



42, 68.861, 50.112



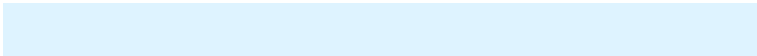
9, 19.153, 43.212

Inverse Universe

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



84, 6.664, 238.598



95, 9.289, 238.869



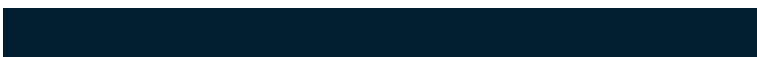
81, 10.257, 283.584



44, 3.614, 238.493



45, 39.742, 264.256



10, 14.434, 253.610

Previews

White Background



This preview shows how the CIELCh color 83, 7.009, 56.539 looks on a white background.

Color Contrast Check

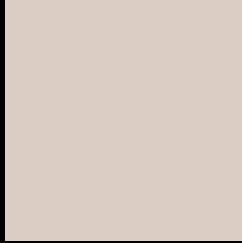
Large Text (above 18pt) WCAG AA × Fail

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, 7.009, 56.539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

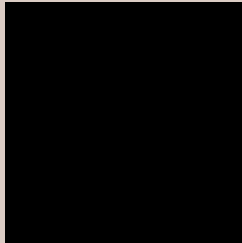
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 7.009, 56.539

Background



This preview shows how black text looks on a background with the CIELCh color 83, 7.009, 56.539.

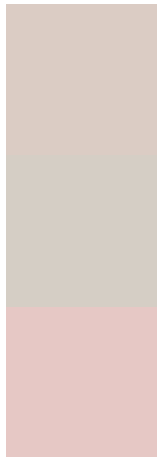


This preview shows how white text looks on a background with the CIELCh color 83, 7.009, 56.539.

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, 7.009, 56.539

Protanopia

83, 5.389, 80.865

Deuteranopia

83, 11.416, 28.126



Tritanopia
83, 11.406, 332.475

Trichromacy



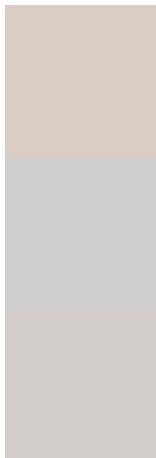
Original Color
83, 7.009, 56.539

Protanomaly
83, 5.606, 68.153

Deuteranomaly
83, 9.627, 32.636

Tritanomaly
83, 7.901, 352.130

Monochromacy



Original Color
83, 7.009, 56.539

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 2.406, 60.294

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 7.009, 56.539 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(219, 204, 196)` looks like.

```
.text, #text, p{  
    color:rgb(219, 204, 196)  
}
```

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(219, 204, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 204, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 7.009, 56.539 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(219, 204, 196) }
```

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

```
.border{ border-color:rgb(219, 204, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 204, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 204, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 204, 196);  
box-shadow:4px 4px 4px 4px rgb(219, 204,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 7.009, 56.539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 204, 196) }
```

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

```
.background{ background-color: rgb(219,  
204, 196) }
```

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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