

Converting Colors

CIELCh(83, 7.763, 74.015)

Have a look what the booklet for
CIELCh(83, 7.763, 74.015) contains.

CIELCh(83, 7.750, 74.021)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(83, 7.750, 74.021)

Conversions

Conversions Part 1

Format	Color
Hex	D9CDC1
RGB	217, 205, 193
RGB Percent	85%, 80%, 76%
CMY	0.1496, 0.1966, 0.2437
CMYK	0.00, 0.06, 0.11, 0.15
HSL	30°, 24%, 80%
HSV	30°, 11%, 85%
XYZ	59.9747, 62.1629, 59.2029
YIQ	207.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

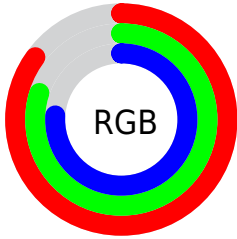
Format	Color
RYB	217, 217, 193
Decimal	14273985
CIELab	83.00, 2.13, 7.45
CIElCh	83, 7.750, 74.021
Yxy	62.1629, 0.3307, 0.3428
Android (android.graphics.Color)	4292464065 (0xFFD9CDC1)
YUV	207.2200, -7.0105, 8.5771
Hunter-Lab	78.8435, -2.1947, 10.6701

Details

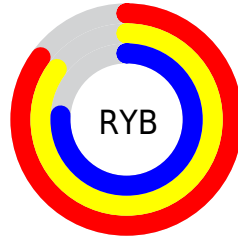
The CIELCh color **83, 7.750, 74.021** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 7.546, 256.950**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **63, 7.541, 73.752** is the 20% darker color. If you saturate the color by 10%, you get **80, 15.107, 72.820**, and if you desaturate by 10%, it is **86, 0.723, 74.771**.

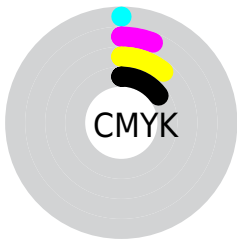
Distribution



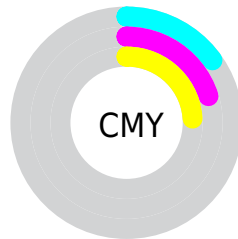
- Red (85%)
- Green (80%)
- Blue (76%)



- Red (85%)
- Yellow (85%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 7.750, 74.021 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, 7.750, 74.021 by changing the saturation by 10% instead.



83, 7.750, 74.021

83, 7.750, 74.021

80, 15.107, 72.820

86, 0.723, 74.771

77, 22.816, 71.569

90, 6.005, 256.568

73, 30.881, 70.304

93, 11.267,
253.233

70, 39.273, 69.025

96, 11.008,
217.342

68, 47.888, 67.712

65, 56.486, 66.309

97, 12.819,
198.650

62, 64.567, 64.684

60, 71.246, 62.573

58, 75.586, 60.175

Harmonies

Complementary

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



83, 7.750, 74.021



82, 7.546, 256.950

Rectangle

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



83, 7.750, 74.021



83, 7.750, 124.021



83, 7.750, 254.021



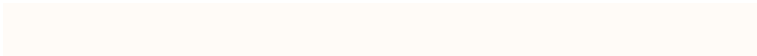
83, 7.750, 304.021

Sweetspot

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



83, 7.751, 74.039



99, 2.347, 74.886



80, 10.911, 344.545



53, 1.784, 74.827



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, 7.751, 74.039



95, 10.435, 73.793



86, 12.519, 109.108



44, 3.997, 74.231



47, 63.774, 60.796



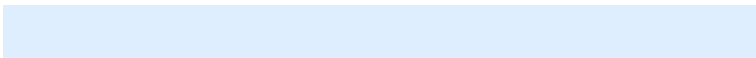
10, 18.352, 59.808

Inverse Universe

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



82, 7.546, 256.950



94, 10.100, 257.244



79, 12.842, 291.339



44, 3.910, 256.726



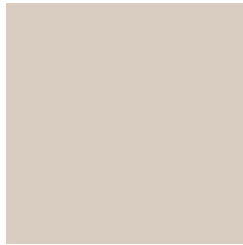
37, 53.857, 283.860



7, 18.123, 273.814

Previews

White Background



This preview shows how the CIELCh color 83, 7.750, 74.021 looks on a white background.

Color Contrast Check

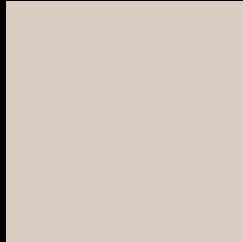
Large Text (above 18pt) WCAG AA × Fail

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, 7.750, 74.021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

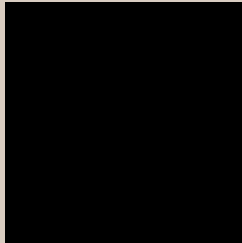
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

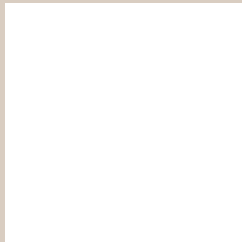
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 7.750, 74.021

Background



This preview shows how black text looks on a background with the CIELCh color 83, 7.750, 74.021.



This preview shows how white text looks on a background with the CIELCh color 83, 7.750, 74.021.

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, 7.750, 74.021

Protanopia

83, 7.457, 85.851

Deuteranopia

83, 12.182, 35.175



Tritanopia
83, 10.937, 329.591

Trichromacy



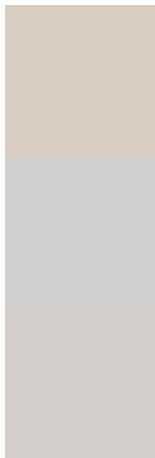
Original Color
83, 7.750, 74.021

Protanomaly
83, 7.615, 83.245

Deuteranomaly
83, 10.004, 44.782

Tritanomaly
83, 7.009, 353.047

Monochromacy



Original Color
83, 7.750, 74.021

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, 7.750, 74.021 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, 205, 193)` looks like.

```
.text, #text, p{  
    color:rgb(217, 205, 193)  
}
```

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, 205, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 205, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 7.750, 74.021 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, 205, 193) }
```

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

```
.border{ border-color:rgb(217, 205, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 205, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 205, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 205, 193);  
box-shadow:4px 4px 4px 4px rgb(217, 205,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 7.750, 74.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 205, 193) }
```

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

```
.background{ background-color: rgb(217,  
205, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor