

Converting Colors

CIELCh(83, 9.676, 75.906)

Have a look what the booklet for
CIELCh(83, 9.676, 75.906) contains.

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Color

CIELCh(83, 9.950, 77.185)

Conversions

Conversions Part 1

Format	Color
Hex	DBCDBD
RGB	219, 205, 189
RGB Percent	86%, 80%, 74%
CMY	0.1425, 0.1974, 0.2602
CMYK	0.00, 0.06, 0.14, 0.14
HSL	32°, 29%, 80%
HSV	32°, 14%, 86%
XYZ	60.0055, 62.1629, 56.7867
YIQ	207.3620, 13.4800, -2.0080

Conversions

Conversions Part 2

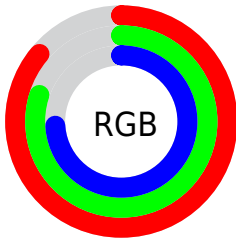
Format	Color
R _Y B	215, 219, 189
Decimal	14405053
CIE Lab	83.00, 2.21, 9.70
CIE LCh	83, 9.950, 77.185
Yxy	62.1629, 0.3353, 0.3474
Android (android.graphics.Color)	4292595133 (0xFFDBCDBD)
YUV	207.3620, -9.0525, 10.2065
Hunter-Lab	78.8435, -2.1249, 12.4871

Details

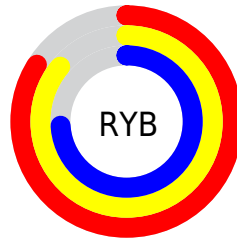
The CIELCh color **83, 9.950, 77.185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 9.685, 260.883**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **63, 9.879, 77.045** is the 20% darker color. If you saturate the color by 10%, you get **80, 17.569, 75.924**, and if you desaturate by 10%, it is **86, 2.637, 78.360**.

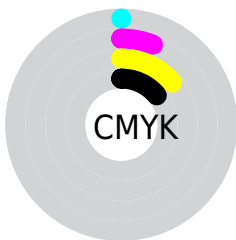
Distribution



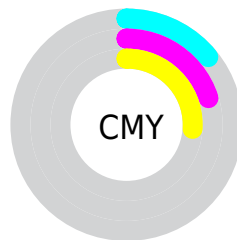
- Red (86%)
- Green (80%)
- Blue (74%)



- Red (84%)
- Yellow (86%)
- Blue (74%)



- Cyan (0%)
- Magenta (6%)
- Yellow (14%)
- Black (14%)



- Cyan (14%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 9.950, 77.185 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, 9.950, 77.185 by changing the saturation by 10% instead.



83, 9.950, 77.185

83, 9.950, 77.185

80, 17.569, 75.924

86, 2.637, 78.360

77, 25.502, 74.615

89, 4.396, 259.808

74, 33.740, 73.282

92, 11.174,
260.945

71, 42.224, 71.919

95, 10.155,
227.891

68, 50.806, 70.499

66, 59.167, 68.952

98, 12.239,
198.688

63, 66.692, 67.125

61, 72.419, 64.737

60, 75.084, 62.976

Harmonies

Complementary

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



83, 9.950, 77.185



81, 9.685, 260.883

Rectangle

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



83, 9.950, 77.185



83, 9.950, 127.185



83, 9.950, 257.185



83, 9.950, 307.185

Sweetspot

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



83, 9.951, 77.199



99, 3.218, 78.331



79, 13.366, 346.664



52, 2.292, 78.257



0, 0.000, 0.000



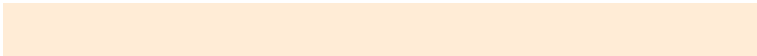
53, 0.007, 296.813

Same Dimension

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



83, 9.951, 77.199



94, 13.217, 76.895



87, 15.621, 110.237



45, 4.091, 77.726



48, 62.999, 63.607



11, 18.406, 63.685

Inverse Universe

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



81, 9.685, 260.883



92, 12.791, 261.257



77, 16.119, 292.875



44, 4.022, 260.264



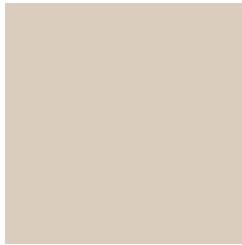
36, 57.512, 286.969



7, 19.067, 276.903

Previews

White Background



This preview shows how the CIELCh color 83, 9.950, 77.185 looks on a white background.

Color Contrast Check

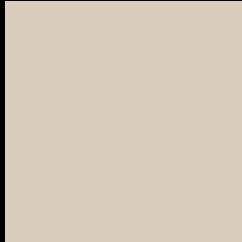
Large Text (above 18pt) WCAG AA × Fail

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, 9.950, 77.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

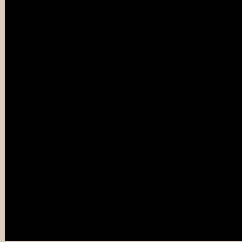
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

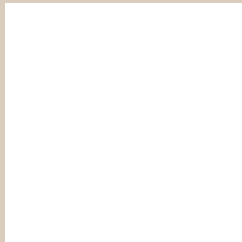
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 9.950, 77.185

Background



This preview shows how black text looks on a background with the CIELCh color 83, 9.950, 77.185.

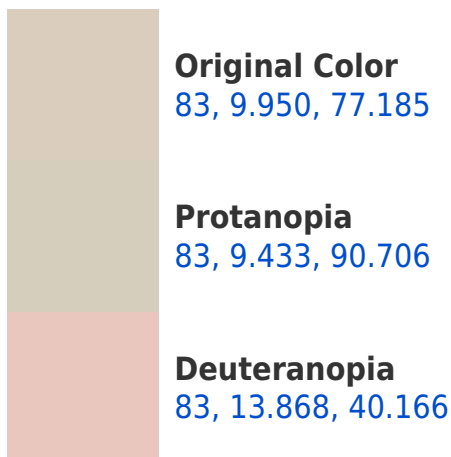


This preview shows how white text looks on a background with the CIELCh color 83, 9.950, 77.185.

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, 11.025, 334.321

Trichromacy



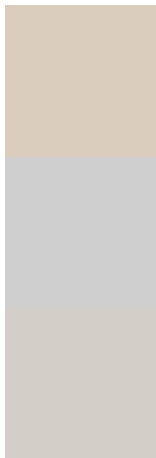
Original Color
83, 9.950, 77.185

Protanomaly
83, 9.702, 86.440

Deuteranomaly
83, 11.830, 49.232

Tritanomaly
83, 7.319, 3.184

Monochromacy



Original Color
83, 9.950, 77.185

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 3.642, 79.433

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 9.950, 77.185 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, 205, 189)` looks like.

```
.text, #text, p{  
    color:rgb(219, 205, 189)  
}
```

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, 205, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 205, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 9.950, 77.185 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, 205, 189) }
```

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

```
.border{ border-color:rgb(219, 205, 189) }
```

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

Here you see how a box with a 4 pixel rgb(219, 205, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 205, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 205, 189);  
box-shadow:4px 4px 4px 4px rgb(219, 205,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 9.950, 77.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 205, 189) }
```

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

```
.background{ background-color: rgb(219,  
205, 189) }
```

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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