

Converting Colors

CIELCh(83, 6.804, 80.635)

Have a look what the booklet for
CIELCh(83, 6.804, 80.635) contains.

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Color

CIELCh(83, 6.975, 84.195)

Conversions

Conversions Part 1

Format	Color
Hex	D6CEC2
RGB	214, 206, 194
RGB Percent	84%, 81%, 76%
CMY	0.1618, 0.1931, 0.2402
CMYK	0.00, 0.04, 0.09, 0.16
HSL	36°, 20%, 80%
HSV	36°, 9%, 84%
XYZ	59.3775, 62.1629, 59.7609
YIQ	207.0240, 8.6200, -2.0360

Conversions

Conversions Part 2

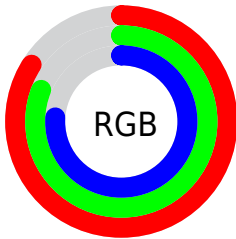
Format	Color
R _{YB}	207, 214, 194
Decimal	14077634
CIE Lab	83.00, 0.71, 6.94
CIE LCh	83, 6.975, 84.195
Yxy	62.1629, 0.3275, 0.3429
Android (android.graphics.Color)	4292267714 (0xFFD6CEC2)
YUV	207.0240, -6.4208, 6.1180
Hunter-Lab	78.8435, -3.5466, 10.2504

Details

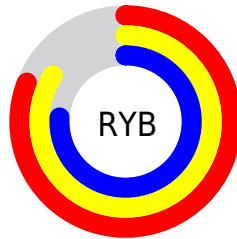
The CIELCh color **83, 6.975, 84.195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 6.922, 266.730**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.525, 109.959**, and **63, 7.232, 86.710** is the 20% darker color. If you saturate the color by 10%, you get **80, 14.663, 82.932**, and if you desaturate by 10%, it is **86, 0.484, 266.149**.

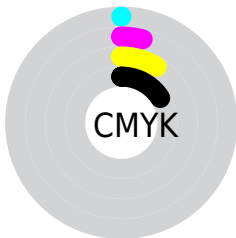
Distribution



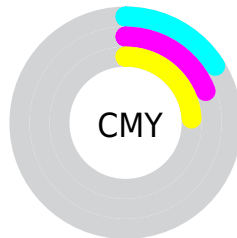
- Red (84%)
- Green (81%)
- Blue (76%)



- Red (81%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (16%)

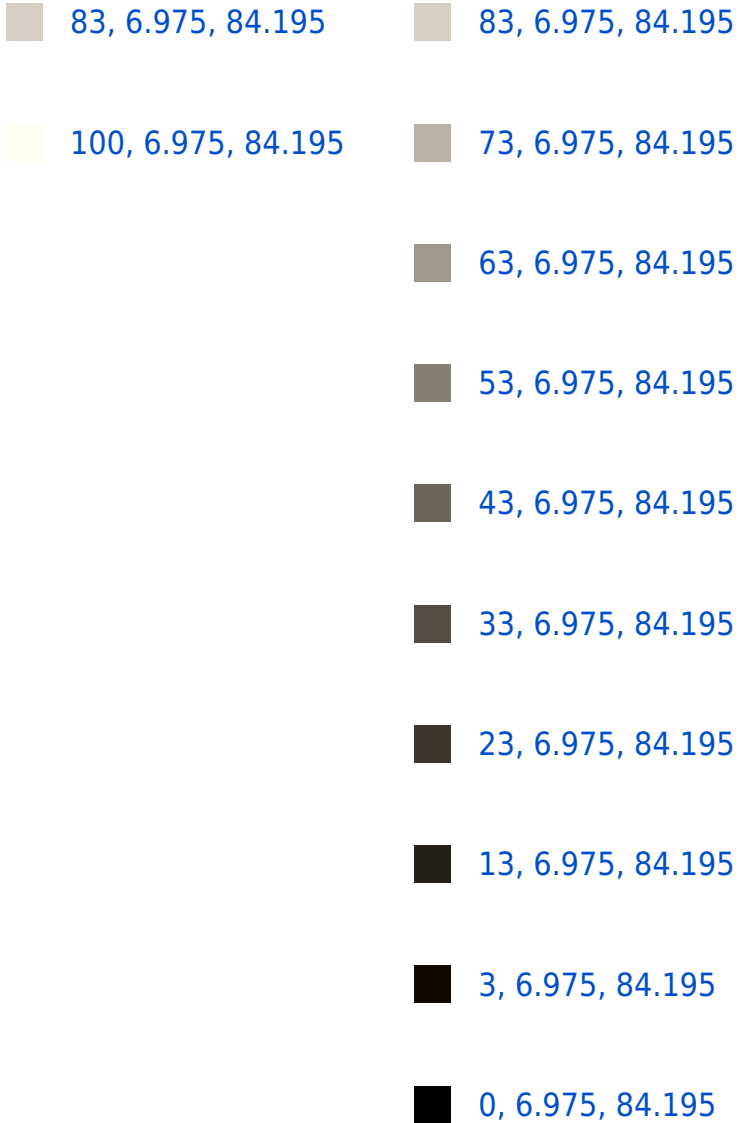


- Cyan (16%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 6.975, 84.195 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, 6.975, 84.195 by changing the saturation by 10% instead.



83, 6.975, 84.195	83, 6.975, 84.195
80, 14.663, 82.932	86, 0.484, 266.149
78, 22.581, 81.597	88, 7.729, 266.775
75, 30.713, 80.222	91, 13.440, 265.166
73, 39.003, 78.807	
70, 47.321, 77.337	93, 11.545, 241.461
68, 55.403, 75.770	96, 12.008, 214.995
66, 62.754, 74.013	
64, 68.578, 71.884	97, 13.812, 198.584
62, 72.294, 69.225	

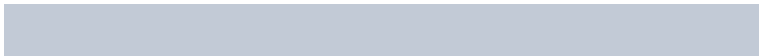
Harmonies

Complementary

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



83, 6.975, 84.195



81, 6.922, 266.730

Rectangle

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



83, 6.975, 84.195



83, 6.975, 134.195



83, 6.975, 264.195



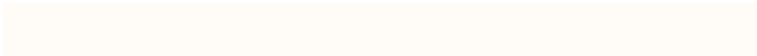
83, 6.975, 314.195

Sweetspot

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



83, 6.976, 84.213



99, 2.551, 84.924



80, 8.535, 350.210



53, 1.937, 84.851



0, 0.000, 0.000



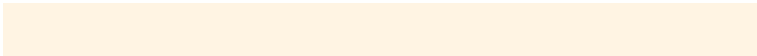
53, 0.007, 296.813

Same Dimension

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



83, 6.976, 84.213



97, 9.493, 83.994



85, 10.498, 113.350



44, 4.240, 84.205



50, 61.316, 69.625



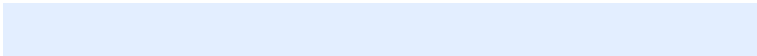
11, 17.456, 71.188

Inverse Universe

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



81, 6.922, 266.730



94, 9.396, 266.979



79, 10.728, 294.913



42, 4.207, 266.739



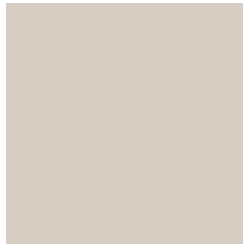
32, 64.362, 292.190



5, 19.660, 280.689

Previews

White Background



This preview shows how the CIELCh color 83, 6.975, 84.195 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, 6.975, 84.195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

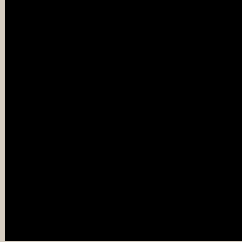
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

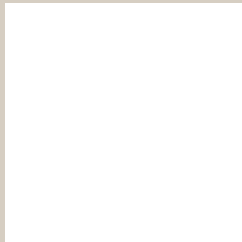
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 6.975, 84.195

Background



This preview shows how black text looks on a background with the CIELCh color 83, 6.975, 84.195.

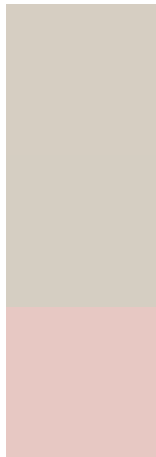


This preview shows how white text looks on a background with the CIELCh color 83, 6.975, 84.195.

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, 6.975, 84.195

Protanopia

83, 6.823, 87.057

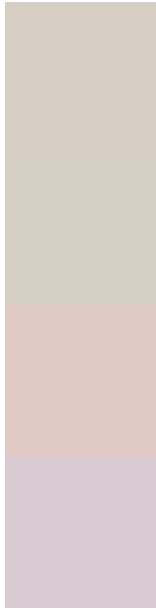
Deuteranopia

83, 12.032, 32.803



Tritanopia
83, 10.084, 323.103

Trichromacy



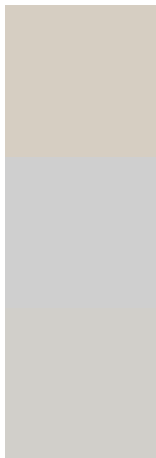
Original Color
83, 6.975, 84.195

Protanomaly
83, 6.823, 87.057

Deuteranomaly
83, 9.421, 42.905

Tritanomaly
83, 5.731, 346.212

Monochromacy



Original Color
83, 6.975, 84.195

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 2.720, 94.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 6.975, 84.195 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(214, 206, 194)` looks like.

```
.text, #text, p{  
    color:rgb(214, 206, 194)  
}
```

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(214, 206, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 206, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 6.975, 84.195 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(214, 206, 194) }
```

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

```
.border{ border-color:rgb(214, 206, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 206, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 206, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 206, 194);  
box-shadow:4px 4px 4px 4px rgb(214, 206,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 6.975, 84.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 206, 194) }
```

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

```
.background{ background-color: rgb(214,  
206, 194) }
```

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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