

Converting Colors

CIELCh(83, 5.439, 76.017)

Have a look what the booklet for
CIELCh(83, 5.439, 76.017) contains.

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Color

CIELCh(83, 5.365, 71.159)

Conversions

Conversions Part 1

Format	Color
Hex	D6CDC5
RGB	214, 205, 197
RGB Percent	84%, 80%, 77%
CMY	0.1598, 0.1951, 0.2264
CMYK	0.00, 0.04, 0.08, 0.16
HSL	28°, 17%, 81%
HSV	28°, 8%, 84%
XYZ	59.8066, 62.1629, 61.8225
YIQ	206.7790, 7.9320, -0.5800

Conversions

Conversions Part 2

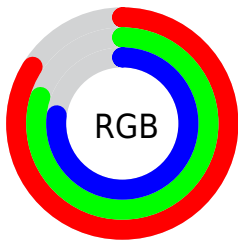
Format	Color
R _Y B	214, 212, 197
Decimal	14077381
CIE Lab	83.00, 1.73, 5.08
CIE LCh	83, 5.365, 71.159
Yxy	62.1629, 0.3254, 0.3382
Android (android.graphics.Color)	4292267461 (0xFFD6CDC5)
YUV	206.7790, -4.8210, 6.3328
Hunter-Lab	78.8435, -2.5751, 8.7002

Details

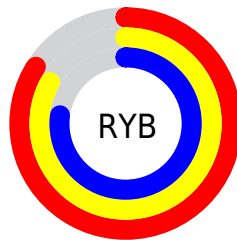
The CIELCh color **83, 5.365, 71.159** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 5.253, 253.259**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **63, 5.458, 74.164** is the 20% darker color. If you saturate the color by 10%, you get **80, 12.447, 70.040**, and if you desaturate by 10%, it is **86, 1.371, 252.734**.

Distribution



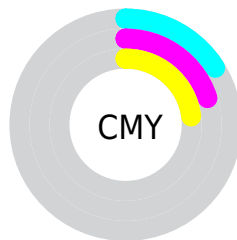
- Red (84%)
- Green (80%)
- Blue (77%)



- Red (84%)
- Yellow (83%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (16%)

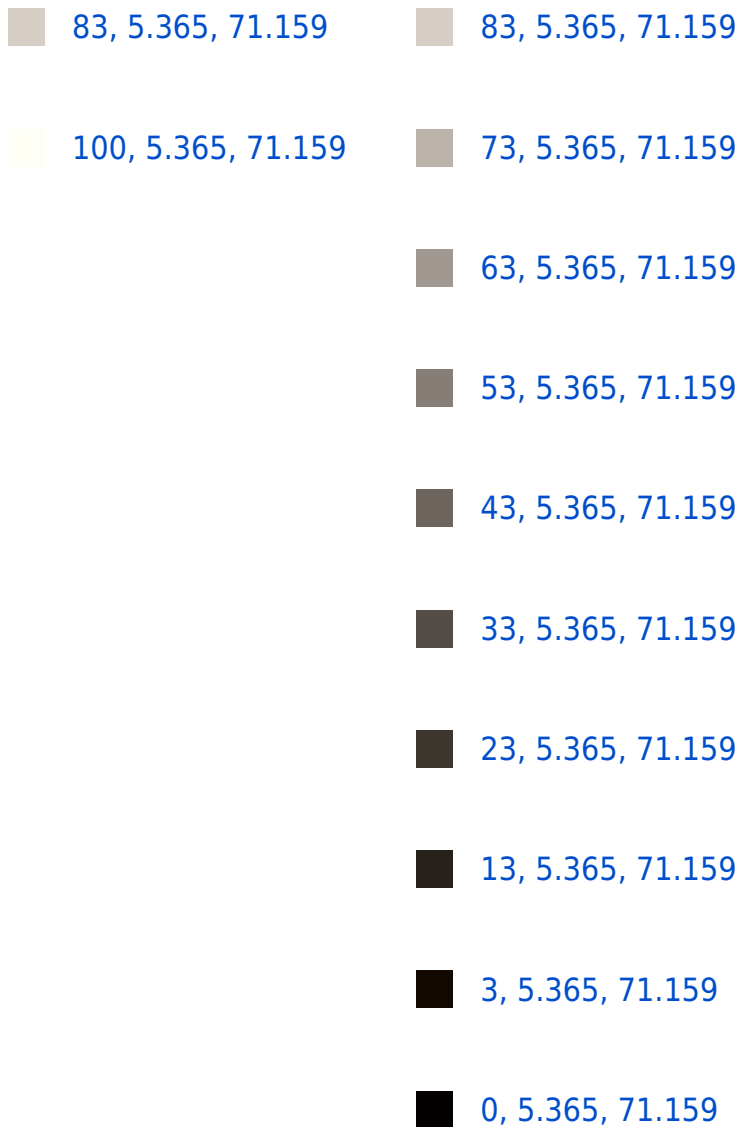


- Cyan (16%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 5.365, 71.159 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, 5.365, 71.159 by changing the saturation by 10% instead.



83, 5.365, 71.159

83, 5.365, 71.159

80, 12.447, 70.040

86, 1.371, 252.734

76, 19.903, 68.856

90, 7.798, 253.635

73, 27.752, 67.665

93, 11.495,
244.089

70, 35.987, 66.475

96, 12.323,
209.258

67, 44.544, 65.275

64, 53.254, 64.025

97, 13.649,
198.595

61, 61.735, 62.619

59, 69.243, 60.830

56, 74.812, 58.346

Harmonies

Complementary

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



83, 5.365, 71.159



82, 5.253, 253.259

Rectangle

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



83, 5.365, 71.159



83, 5.365, 121.159



83, 5.365, 251.159



83, 5.365, 301.159

Sweetspot

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



83, 5.366, 71.185



99, 1.529, 71.651



81, 7.897, 342.484



53, 0.869, 71.646



0, 0.000, 0.000



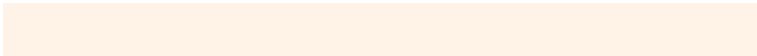
53, 0.007, 296.813

Same Dimension

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



83, 5.366, 71.185



96, 7.831, 70.945



85, 8.603, 108.029



43, 3.851, 71.021



45, 63.865, 58.488



9, 17.065, 55.779

Inverse Universe

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



82, 5.253, 253.259



95, 7.610, 253.536



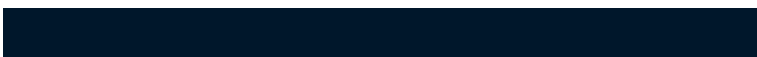
80, 8.758, 289.654



43, 3.751, 253.447



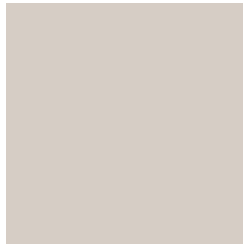
38, 50.157, 280.757



7, 16.474, 269.899

Previews

White Background



This preview shows how the CIELCh color 83, 5.365, 71.159 looks on a white background.

Color Contrast Check

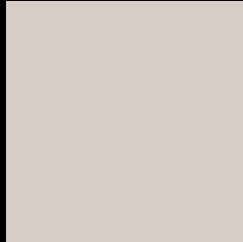
Large Text (above 18pt) WCAG AA × Fail

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, 5.365, 71.159 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

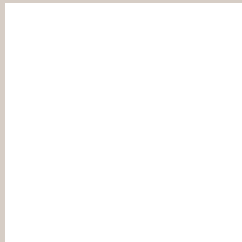
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 5.365, 71.159

Background



This preview shows how black text looks on a background with the CIELCh color 83, 5.365, 71.159.

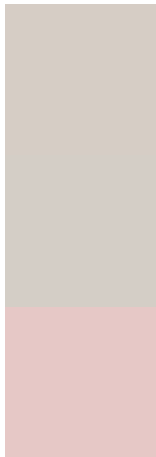


This preview shows how white text looks on a background with the CIELCh color 83, 5.365, 71.159.

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, 5.365, 71.159

Protanopia

83, 4.746, 81.840

Deuteranopia

83, 11.333, 25.522



Tritanopia
83, 10.084, 323.103

Trichromacy



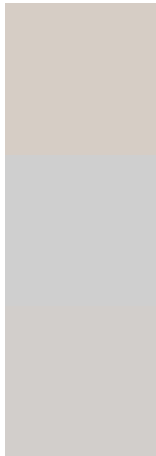
Original Color
83, 5.365, 71.159

Protanomaly
83, 4.930, 77.995

Deuteranomaly
83, 8.501, 34.244

Tritanomaly
83, 6.037, 342.045

Monochromacy



Original Color
83, 5.365, 71.159

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 2.140, 66.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 5.365, 71.159 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, 205, 197)` looks like.

```
.text, #text, p{  
    color:rgb(214, 205, 197)  
}
```

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, 205, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 205, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 5.365, 71.159 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, 205, 197) }
```

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

```
.border{ border-color:rgb(214, 205, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 205, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 205, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 205, 197);  
box-shadow:4px 4px 4px 4px rgb(214, 205,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 5.365, 71.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 205, 197) }
```

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

```
.background{ background-color: rgb(214,  
205, 197) }
```

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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