

Converting Colors

CIELCh(83, 3.562, 19.519)

Have a look what the booklet for
CIELCh(83, 3.562, 19.519) contains.

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Color

CIELCh(83, 3.301, 19.484)

Conversions

Conversions Part 1

Format	Color
Hex	D6CDCD
RGB	214, 205, 205
RGB Percent	84%, 80%, 80%
CMY	0.1620, 0.1972, 0.1973
CMYK	0.00, 0.04, 0.04, 0.16
HSL	0°, 10%, 82%
HSV	0°, 4%, 84%
XYZ	60.3861, 62.1629, 66.3835
YIQ	207.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

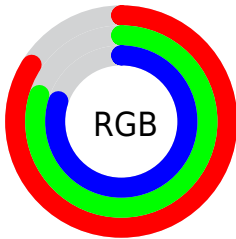
Format	Color
RYB	214, 205, 205
Decimal	14077389
CIELab	83.00, 3.11, 1.10
CIElCh	83, 3.301, 19.484
Yxy	62.1629, 0.3196, 0.3290
Android (android.graphics.Color)	4292267469 (0xFFD6CDCD)
YUV	207.6910, -1.3267, 5.5330
Hunter-Lab	78.8435, -1.2632, 5.2703

Details

The CIELCh color **83, 3.301, 19.484** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 3.213, 199.387**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **63, 3.109, 19.555** is the 20% darker color. If you saturate the color by 10%, you get **77, 11.583, 20.349**, and if you desaturate by 10%, it is **89, 4.359, 199.276**.

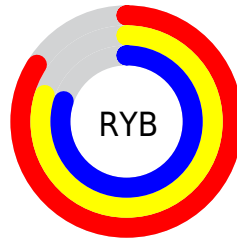
Distribution



Red (84%)

Green (80%)

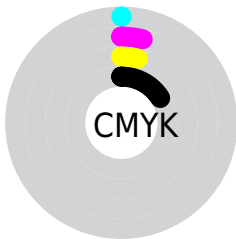
Blue (80%)



Red (84%)

Yellow (80%)

Blue (80%)

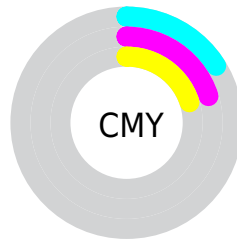


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (16%)



Cyan (16%)

Magenta (20%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 3.301, 19.484 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, 3.301, 19.484 by changing the saturation by 10% instead.



83, 3.301, 19.484

83, 3.301, 19.484

77, 11.583, 20.349

89, 4.359, 199.276

71, 20.519, 21.284

95, 11.442,
198.759

66, 30.093, 22.484

97, 13.827,
198.583

61, 40.226, 24.050

56, 50.742, 26.093

52, 61.365, 28.712

49, 71.705, 31.929

46, 81.159, 35.504

45, 88.442, 38.620

Harmonies

Complementary

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



83, 3.301, 19.484



85, 3.213, 199.387

Rectangle

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



83, 3.301, 19.484



83, 3.301, 69.484



83, 3.301, 199.484



83, 3.301, 249.484

Sweetspot

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



83, 3.300, 19.517



99, 0.894, 18.761



83, 5.794, 324.625



53, 0.508, 18.720



0, 0.000, 0.000



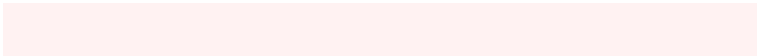
53, 0.007, 296.813

Same Dimension

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



83, 3.300, 19.517



97, 4.537, 19.600



84, 2.865, 74.776



43, 2.688, 19.654



35, 77.343, 39.904



5, 21.994, 19.786

Inverse Universe

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



85, 3.213, 199.387



99, 4.395, 199.312



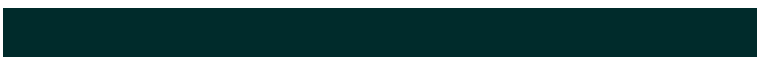
84, 2.850, 256.077



45, 2.595, 199.263



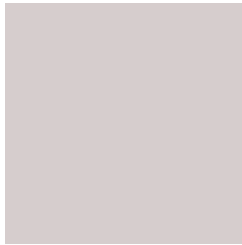
63, 37.101, 196.448



15, 14.551, 196.437

Previews

White Background



This preview shows how the CIELCh color 83, 3.301, 19.484 looks on a white background.

Color Contrast Check

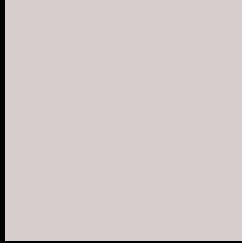
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 83, 3.301, 19.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

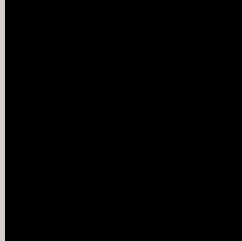
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

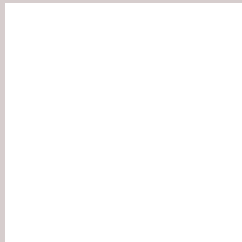
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 3.301, 19.484

Background



This preview shows how black text looks on a background with the CIELCh color 83, 3.301, 19.484.

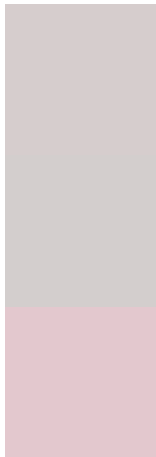


This preview shows how white text looks on a background with the CIELCh color 83, 3.301, 19.484.

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, 3.301, 19.484

Protanopia

83, 1.896, 35.368

Deuteranopia

83, 10.481, 2.671



Tritanopia
83, 9.708, 319.486

Trichromacy



Original Color
83, 3.301, 19.484

Protanomaly
83, 2.252, 32.836

Deuteranomaly
83, 7.677, 4.023

Tritanomaly
83, 6.650, 327.247

Monochromacy



Original Color
83, 3.301, 19.484

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 1.094, 18.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 3.301, 19.484 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, 205)` looks like.

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

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, 205) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 83, 3.301, 19.484 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, 205) }
```

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

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

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, 205)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 83, 3.301, 19.484 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, 205) }
```

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

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

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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