

Converting Colors

CIELCh(83, 4.347, 40.844)

Have a look what the booklet for
CIELCh(83, 4.347, 40.844) contains.

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Color

CIELCh(83, 4.352, 40.844)

Conversions

Conversions Part 1

Format	Color
Hex	D7CCC9
RGB	215, 204, 201
RGB Percent	84%, 80%, 79%
CMY	0.1550, 0.1982, 0.2100
CMYK	0.00, 0.05, 0.07, 0.16
HSL	13°, 15%, 82%
HSV	13°, 7%, 84%
XYZ	60.4621, 62.1629, 64.3551
YIQ	206.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

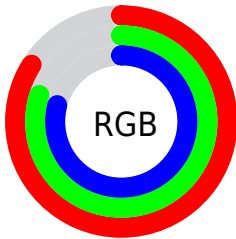
Format	Color
R _Y B	215, 205, 201
Decimal	14142665
CIE Lab	83.00, 3.29, 2.85
CIE LCh	83, 4.352, 40.844
Yxy	62.1629, 0.3234, 0.3325
Android (android.graphics.Color)	4292332745 (0xFFD7CCC9)
YUV	206.9470, -2.9319, 7.0625
Hunter-Lab	78.8435, -1.0911, 6.7956

Details

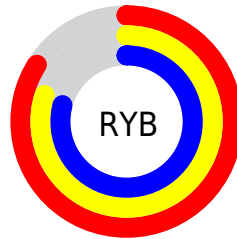
The CIELCh color **83, 4.352, 40.844** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 4.186, 221.531**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **63, 4.261, 42.727** is the 20% darker color. If you saturate the color by 10%, you get **78, 11.506, 40.757**, and if you desaturate by 10%, it is **88, 2.256, 221.542**.

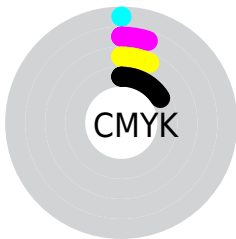
Distribution



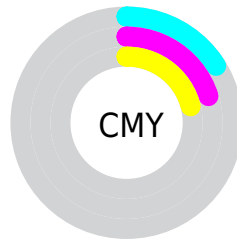
- Red (84%)
- Green (80%)
- Blue (79%)



- Red (84%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 4.352, 40.844 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, 4.352, 40.844 by changing the saturation by 10% instead.

83, 4.352, 40.844

83, 4.352, 40.844

100, 4.352, 40.844

73, 4.352, 40.844

63, 4.352, 40.844

53, 4.352, 40.844

43, 4.352, 40.844

33, 4.352, 40.844

23, 4.352, 40.844

13, 4.352, 40.844

3, 4.352, 40.844

0, 4.352, 40.844

83, 4.352, 40.844

83, 4.352, 40.844

78, 11.506, 40.757

88, 2.256, 221.542

74, 19.262, 40.689

93, 8.372, 221.701

69, 27.660, 40.755

97, 13.262,
198.620

65, 36.714, 40.997

61, 46.388, 41.446

57, 56.559, 42.110

53, 66.923, 42.921

51, 76.788, 43.632

48, 84.728, 43.668

Harmonies

Complementary

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



83, 4.352, 40.844



84, 4.186, 221.531

Rectangle

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



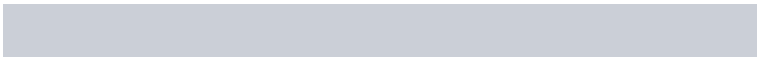
83, 4.352, 40.844



83, 4.352, 90.844



83, 4.352, 220.844



83, 4.352, 270.844

Sweetspot

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



83, 4.351, 40.875



99, 1.506, 40.694



83, 7.845, 330.889



53, 0.856, 40.674



0, 0.000, 0.000



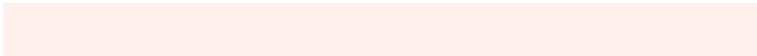
53, 0.007, 296.813

Same Dimension

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



83, 4.351, 40.875



96, 6.179, 40.864



85, 5.356, 92.868



43, 3.826, 40.849



38, 72.904, 44.118



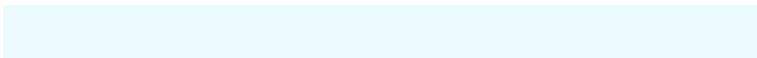
7, 19.251, 31.656

Inverse Universe

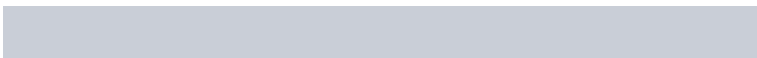
The Inverse Universe completely reimagines the original color for something new.



84, 4.186, 221.531



97, 5.883, 221.567



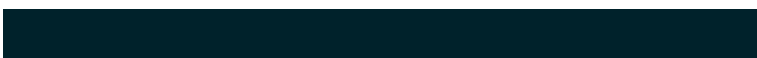
83, 5.377, 274.555



44, 3.611, 221.607



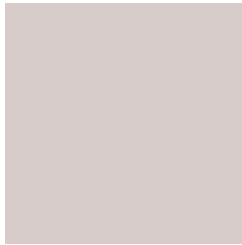
52, 32.798, 238.463



11, 12.659, 229.972

Previews

White Background



This preview shows how the CIELCh color 83, 4.352, 40.844 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, 4.352, 40.844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

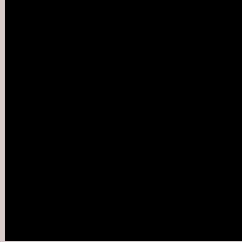
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

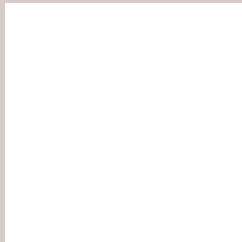
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 4.352, 40.844

Background



This preview shows how black text looks on a background with the CIELCh color 83, 4.352, 40.844.



This preview shows how white text looks on a background with the CIELCh color 83, 4.352, 40.844.

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, 4.352, 40.844

Protanopia

83, 2.779, 68.541

Deuteranopia

83, 10.491, 14.431



Tritanopia
83, 10.282, 324.817

Trichromacy



Original Color
83, 4.352, 40.844

Protanomaly
83, 3.330, 47.751

Deuteranomaly
83, 7.801, 19.931

Tritanomaly
83, 6.997, 337.101

Monochromacy



Original Color
83, 4.352, 40.844

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 1.546, 39.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 4.352, 40.844 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(215, 204, 201)` looks like.

```
.text, #text, p{  
    color:rgb(215, 204, 201)  
}
```

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(215, 204, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 204, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 4.352, 40.844 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(215, 204, 201) }
```

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

```
.border{ border-color:rgb(215, 204, 201) }
```

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

Here you see how a box with a 4 pixel rgb(215, 204, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 204, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 204, 201);  
box-shadow:4px 4px 4px 4px rgb(215, 204,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 4.352, 40.844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 204, 201) }
```

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

```
.background{ background-color: rgb(215,  
204, 201) }
```

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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