

Converting Colors

CIELCh(83, 5.420, 34.270)

Have a look what the booklet for
CIELCh(83, 5.420, 34.270) contains.

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Color

CIELCh(83, 5.415, 36.612)

Conversions

Conversions Part 1

Format	Color
Hex	DACCC9
RGB	218, 204, 201
RGB Percent	85%, 80%, 79%
CMY	0.1459, 0.2008, 0.2126
CMYK	0.00, 0.06, 0.08, 0.15
HSL	11°, 19%, 82%
HSV	11°, 8%, 85%
XYZ	60.9079, 62.1629, 63.9153
YIQ	207.8440, 9.3070, 2.0350

Conversions

Conversions Part 2

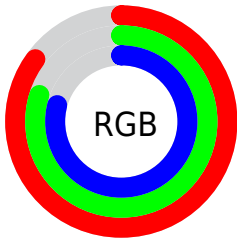
Format	Color
RYP	218, 205, 201
Decimal	14339273
CIELab	83.00, 4.35, 3.23
CIElCh	83, 5.415, 36.612
Yxy	62.1629, 0.3257, 0.3324
Android (android.graphics.Color)	4292529353 (0xFFDACCC9)
YUV	207.8440, -3.3741, 8.9068
Hunter-Lab	78.8435, -0.0818, 7.1264

Details

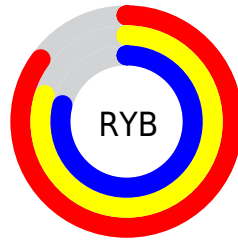
The CIELCh color **83, 5.415, 36.612** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 5.156, 217.051**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **63, 5.383, 37.828** is the 20% darker color. If you saturate the color by 10%, you get **78, 12.876, 36.704**, and if you desaturate by 10%, it is **88, 1.466, 217.241**.

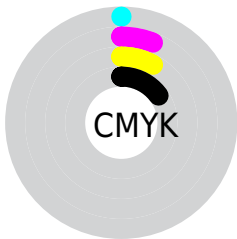
Distribution



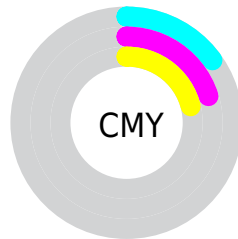
- Red (85%)
- Green (80%)
- Blue (79%)



- Red (85%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (15%)












- Cyan (15%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 5.415, 36.612 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, 5.415, 36.612 by changing the saturation by 10% instead.

 83, 5.415, 36.612	 83, 5.415, 36.612
 100, 5.415, 36.612	 73, 5.415, 36.612
	 63, 5.415, 36.612
	 53, 5.415, 36.612
	 43, 5.415, 36.612
	 33, 5.415, 36.612
	 23, 5.415, 36.612
	 13, 5.415, 36.612
	 3, 5.415, 36.612
	 0, 5.415, 36.612

83, 5.415, 36.612

83, 5.415, 36.612

78, 12.876, 36.704

88, 1.466, 217.241

73, 20.971, 36.862

93, 7.821, 217.092

68, 29.731, 37.186

97, 12.519,
198.670

64, 39.157, 37.726

60, 49.188, 38.522

56, 59.665, 39.585

52, 70.230, 40.840

50, 80.088, 41.992

48, 87.723, 42.436

Harmonies

Complementary

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



83, 5.415, 36.612



85, 5.156, 217.051

Rectangle

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



83, 5.415, 36.612



83, 5.415, 86.612



83, 5.415, 216.612



83, 5.415, 266.612

Sweetspot

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



83, 5.414, 36.637



99, 1.539, 36.363



83, 9.736, 329.830



53, 0.875, 36.342



0, 0.000, 0.000



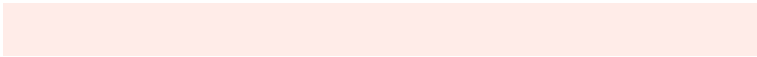
53, 0.007, 296.813

Same Dimension

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



83, 5.414, 36.637



95, 7.134, 36.647



85, 6.279, 90.119



43, 3.988, 36.649



38, 74.907, 42.931



7, 21.235, 29.886

Inverse Universe

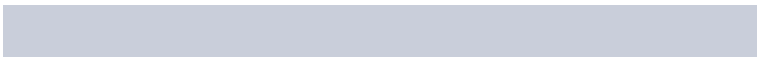
The Inverse Universe completely reimagines the original color for something new.



85, 5.156, 217.051



97, 6.736, 217.063



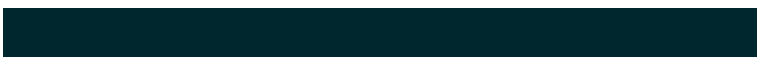
83, 6.284, 272.172



45, 3.756, 217.068



55, 32.642, 230.293



13, 13.122, 223.717

Previews

White Background



This preview shows how the CIELCh color 83, 5.415, 36.612 looks on a white background.

Color Contrast Check

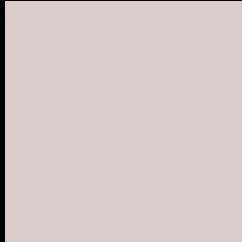
Large Text (above 18pt) WCAG AA × Fail

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, 5.415, 36.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

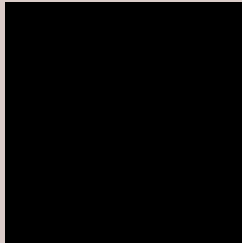
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

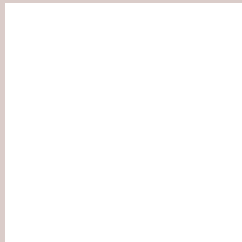
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 5.415, 36.612

Background



This preview shows how black text looks on a background with the CIELCh color 83, 5.415, 36.612.



This preview shows how white text looks on a background with the CIELCh color 83, 5.415, 36.612.

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, 5.415, 36.612

Protanopia

83, 2.779, 68.541

Deuteranopia

83, 10.869, 14.666



Tritanopia
83, 10.937, 329.591

Trichromacy



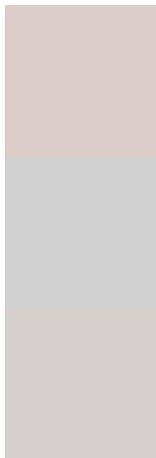
Original Color
83, 5.415, 36.612

Protanomaly
83, 3.330, 47.751

Deuteranomaly
83, 8.945, 16.670

Tritanomaly
83, 7.841, 342.673

Monochromacy



Original Color
83, 5.415, 36.612

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 2.252, 32.836

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 5.415, 36.612 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(218, 204, 201)` looks like.

```
.text, #text, p{  
    color:rgb(218, 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(218, 204, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 204, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 5.415, 36.612 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(218, 204, 201) }
```

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

```
.border{ border-color:rgb(218, 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(218, 204, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 204, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 204, 201);  
box-shadow:4px 4px 4px 4px rgb(218, 204,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 5.415, 36.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 204, 201) }
```

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

```
.background{ background-color: rgb(218,  
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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