

Converting Colors

CIELCh(83, 4.372, 335.677)

Have a look what the booklet for
CIELCh(83, 4.372, 335.677) contains.

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Color

CIELCh(83, 4.583, 335.880)

Conversions

Conversions Part 1

Format	Color
Hex	D5CCD2
RGB	213, 204, 210
RGB Percent	84%, 80%, 82%
CMY	0.1637, 0.1989, 0.1754
CMYK	0.00, 0.04, 0.01, 0.16
HSL	320°, 10%, 82%
HSV	320°, 4%, 84%
XYZ	60.8386, 62.1629, 69.9374
YIQ	207.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

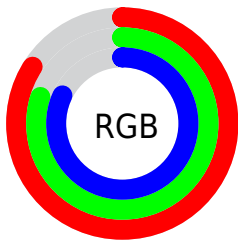
Format	Color
R _Y B	213, 204, 210
Decimal	14011602
CIE Lab	83.00, 4.18, -1.87
CIE LCh	83, 4.583, 335.880
Yxy	62.1629, 0.3153, 0.3222
Android (android.graphics.Color)	4292201682 (0xFFD5CCD2)
YUV	207.3750, 1.2941, 4.9331
Hunter-Lab	78.8435, -0.2388, 2.5978

Details

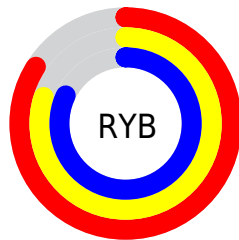
The CIELCh color `83, 4.583, 335.880` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85, 4.556, 155.456`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `63, 4.575, 332.599` is the 20% darker color. If you saturate the color by 10%, you get `77, 15.559, 336.667`, and if you desaturate by 10%, it is `89, 6.184, 155.346`.

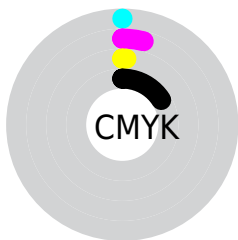
Distribution



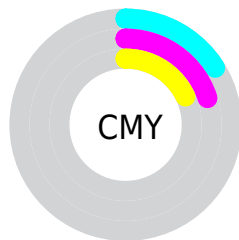
- Red (84%)
- Green (80%)
- Blue (82%)



- Red (84%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 4.583, 335.880 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, 4.583, 335.880 by changing the saturation by 10% instead.

■ 83, 4.583, 335.880

■ 83, 4.583, 335.880

■ 100, 4.583,
335.880

■ 73, 4.583, 335.880

■ 63, 4.583, 335.880

■ 53, 4.583, 335.880

■ 43, 4.583, 335.880

■ 33, 4.583, 335.880

■ 23, 4.583, 335.880

■ 13, 4.583, 335.880

■ 3, 4.583, 335.880

■ 0, 4.583, 335.880

83, 4.583, 335.880

83, 4.583, 335.880

77, 15.559,
336.667

89, 6.184, 155.346

72, 26.627,
337.455

94, 16.666,
154.673

67, 37.584,
338.300

97, 18.977,
159.179

62, 48.131,
339.220

97, 16.747,
168.521

58, 57.857,
340.241

97, 15.049,
180.272

54, 66.252,
341.400

97, 14.083,
194.247

51, 72.771,
342.754

97, 13.965,
198.574

49, 76.968,
344.381

■ 48, 78.682,
346.373

Harmonies

Complementary

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



83, 4.583, 335.880



85, 4.556, 155.456

Rectangle

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



83, 4.583, 335.880



83, 4.583, 25.880



83, 4.583, 155.880



83, 4.583, 205.880

Sweetspot

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



83, 4.581, 335.885



99, 1.258, 335.409



83, 4.904, 303.264



53, 0.715, 335.389



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, 4.581, 335.885



97, 6.280, 335.957



83, 3.396, 6.037



43, 3.714, 336.007



38, 67.070, 347.279



6, 25.865, 343.068

Inverse Universe

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



83, 4.581, 335.885



97, 6.280, 335.957



85, 3.330, 185.629



43, 3.714, 336.007



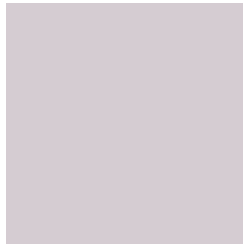
38, 67.070, 347.279



6, 25.865, 343.068

Previews

White Background



This preview shows how the CIELCh color 83, 4.583, 335.880 looks on a white background.

Color Contrast Check

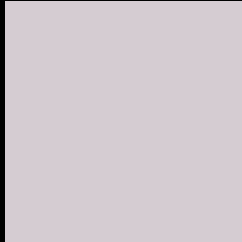
Large Text (above 18pt) WCAG AA × Fail

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, 4.583, 335.880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

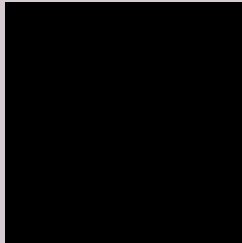
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

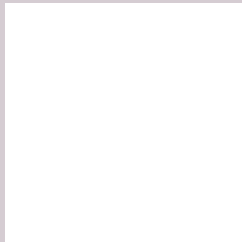
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 4.583, 335.880

Background



This preview shows how black text looks on a background with the CIELCh color 83, 4.583, 335.880.

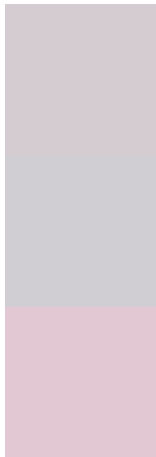


This preview shows how white text looks on a background with the CIELCh color 83, 4.583, 335.880.

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

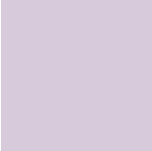
83, 4.583, 335.880

Protanopia

83, 2.876, 312.526

Deuteranopia

83, 10.861, 347.965



Tritanopia
83, 9.540, 317.584

Trichromacy



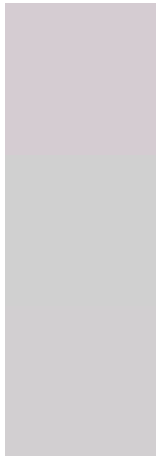
Original Color
83, 4.583, 335.880

Protanomaly
83, 3.871, 324.528

Deuteranomaly
83, 8.435, 345.775

Tritanomaly
83, 7.977, 320.419

Monochromacy



Original Color
83, 4.583, 335.880

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 1.532, 335.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 4.583, 335.880 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(213, 204, 210)` looks like.

```
.text, #text, p{  
    color:rgb(213, 204, 210)  
}
```

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(213, 204, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 204, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 4.583, 335.880 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(213, 204, 210) }
```

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

```
.border{ border-color:rgb(213, 204, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 204, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 204, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 204, 210);  
box-shadow:4px 4px 4px 4px rgb(213, 204,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 4.583, 335.880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 204, 210) }
```

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

```
.background{ background-color: rgb(213,  
204, 210) }
```

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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