

Converting Colors

CIELCh(83, 8.664, 326.836)

Have a look what the booklet for
CIELCh(83, 8.664, 326.836) contains.

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Color

CIELCh(83, 8.571, 326.754)

Conversions

Conversions Part 1

Format	Color
Hex	D9CBD8
RGB	217, 203, 216
RGB Percent	85%, 80%, 85%
CMY	0.1505, 0.2054, 0.1544
CMYK	0.00, 0.06, 0.00, 0.15
HSL	304°, 15%, 82%
HSV	304°, 6%, 85%
XYZ	62.1118, 62.1629, 73.4301
YIQ	208.6680, 4.1710, 7.0110

Conversions

Conversions Part 2

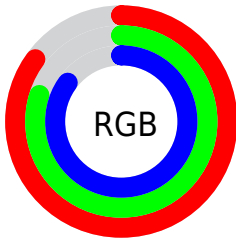
Format	Color
R_{YB}	217, 203, 216
Decimal	14273496
CIE _{Lab}	83.00, 7.17, -4.70
CIE _{LCh}	83, 8.571, 326.754
Yxy	62.1629, 0.3142, 0.3144
Android (android.graphics.Color)	4292463576 (0xFFD9CBD8)
YUV	208.6680, 3.6147, 7.3072
Hunter-Lab	78.8435, 2.6437, -0.0287

Details

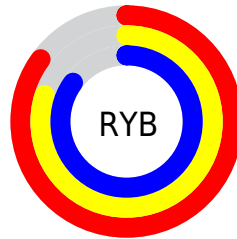
The CIELCh color $83, 8.571, 326.754$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $85, 8.548, 146.076$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $63, 8.379, 327.003$ is the 20% darker color. If you saturate the color by 10%, you get $78, 21.947, 327.347$, and if you desaturate by 10%, it is $89, 4.641, 146.290$.

Distribution



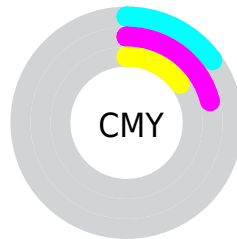
- Red (85%)
- Green (80%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 8.571, 326.754 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, 8.571, 326.754 by changing the saturation by 10% instead.

83, 8.571, 326.754

83, 8.571, 326.754

100, 8.571,
326.754

73, 8.571, 326.754

63, 8.571, 326.754

53, 8.571, 326.754

43, 8.571, 326.754

33, 8.571, 326.754

23, 8.571, 326.754

13, 8.571, 326.754

3, 8.571, 326.754

0, 8.571, 326.754

83, 8.571, 326.754

83, 8.571, 326.754

78, 21.947,
327.347

89, 4.641, 146.290

72, 35.310,
327.926

94, 17.567,
145.699

68, 48.387,
328.494

97, 22.496,
146.159

63, 60.800,
329.041

97, 21.862,
147.388

59, 72.070,
329.558

97, 21.238,
148.687

56, 81.653,
330.035

97, 20.624,
150.060

53, 89.031,
330.466

97, 20.022,
151.513

52, 93.848,
330.853

97, 19.431,
153.053

■ 51, 96.093,
331.208

■ 97, 18.854,
154.685

Harmonies

Complementary

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



83, 8.571, 326.754



85, 8.548, 146.076

Rectangle

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



83, 8.571, 326.754



83, 8.571, 16.754



83, 8.571, 146.754



83, 8.571, 196.754

Sweetspot

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



83, 8.569, 326.755



99, 3.024, 326.429



82, 7.436, 293.383



53, 1.720, 326.417



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, 8.569, 326.755



95, 12.127, 326.853



83, 6.056, 347.896



42, 7.474, 326.933



40, 80.967, 331.276



6, 31.284, 330.493

Inverse Universe

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



83, 8.569, 326.755



95, 12.127, 326.853



85, 5.981, 166.924



42, 7.474, 326.933



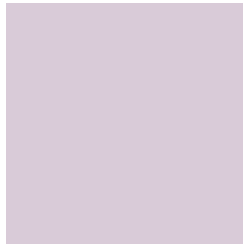
40, 80.967, 331.276



6, 31.284, 330.493

Previews

White Background



This preview shows how the CIELCh color 83, 8.571, 326.754 looks on a white background.

Color Contrast Check

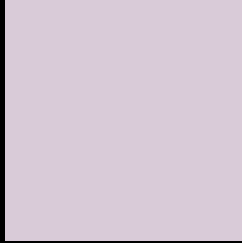
Large Text (above 18pt) WCAG AA × Fail

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, 8.571, 326.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

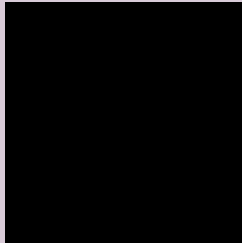
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

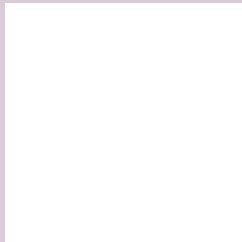
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 8.571, 326.754

Background



This preview shows how black text looks on a background with the CIELCh color 83, 8.571, 326.754.

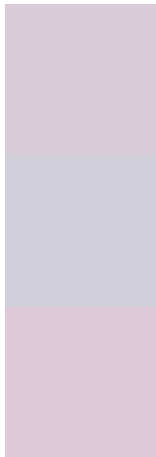


This preview shows how white text looks on a background with the CIELCh color 83, 8.571, 326.754.

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, 8.571, 326.754

Protanopia

83, 5.837, 294.185

Deuteranopia

83, 11.280, 335.685



Tritanopia
83, 10.084, 323.103

Trichromacy



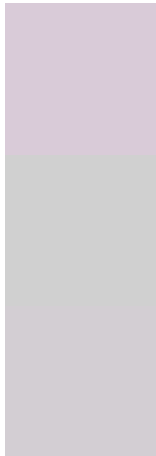
Original Color
83, 8.571, 326.754

Protanomaly
83, 6.115, 307.681

Deuteranomaly
83, 10.139, 333.369

Tritanomaly
83, 9.645, 324.792

Monochromacy



Original Color
83, 8.571, 326.754

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 3.226, 324.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 8.571, 326.754 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(217, 203, 216)` looks like.

```
.text, #text, p{  
    color:rgb(217, 203, 216)  
}
```

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(217, 203, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 203, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 8.571, 326.754 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(217, 203, 216) }
```

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

```
.border{ border-color:rgb(217, 203, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 203, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 203, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 203, 216);  
box-shadow:4px 4px 4px 4px rgb(217, 203,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 8.571, 326.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 203, 216) }
```

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

```
.background{ background-color: rgb(217,  
203, 216) }
```

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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