

Converting Colors

CIELCh(83, 7.692, 327.585)

Have a look what the booklet for
CIELCh(83, 7.692, 327.585) contains.

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Color

CIELCh(83, 7.934, 326.889)

Conversions

Conversions Part 1

Format	Color
Hex	D8CBD7
RGB	216, 203, 215
RGB Percent	85%, 80%, 84%
CMY	0.1532, 0.2042, 0.1572
CMYK	0.00, 0.06, 0.00, 0.15
HSL	305°, 14%, 82%
HSV	305°, 6%, 85%
XYZ	61.8877, 62.1629, 72.9727
YIQ	208.2550, 3.8960, 6.4880

Conversions

Conversions Part 2

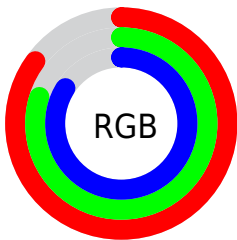
Format	Color
R _Y B	216, 203, 215
Decimal	14207959
CIE Lab	83.00, 6.65, -4.33
CIE LCh	83, 7.934, 326.889
Yxy	62.1629, 0.3141, 0.3155
Android (android.graphics.Color)	4292398039 (0xFFD8CBD7)
YUV	208.2550, 3.3253, 6.7924
Hunter-Lab	78.8435, 2.1363, 0.3152

Details

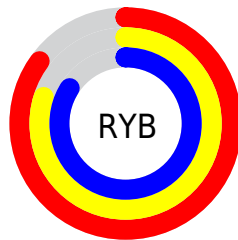
The CIELCh color $83, 7.934, 326.889$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $85, 7.912, 146.267$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $63, 7.706, 327.158$ is the 20% darker color. If you saturate the color by 10%, you get $78, 21.220, 327.486$, and if you desaturate by 10%, it is $89, 5.183, 146.421$.

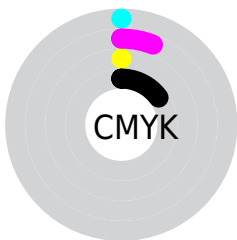
Distribution



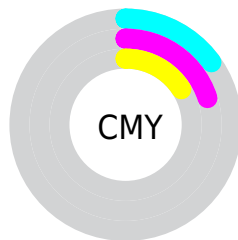
- Red (85%)
- Green (80%)
- Blue (84%)



- Red (85%)
- Yellow (80%)
- Blue (84%)



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



- Cyan (15%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 7.934, 326.889 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, 7.934, 326.889 by changing the saturation by 10% instead.

■ 83, 7.934, 326.889

■ 83, 7.934, 326.889

■ 100, 7.934,
326.889

■ 73, 7.934, 326.889

■ 63, 7.934, 326.889

■ 53, 7.934, 326.889

■ 43, 7.934, 326.889

■ 33, 7.934, 326.889

■ 23, 7.934, 326.889

■ 13, 7.934, 326.889

■ 3, 7.934, 326.889

■ 0, 7.934, 326.889

83, 7.934, 326.889

83, 7.934, 326.889

78, 21.220,
327.486

89, 5.183, 146.421

72, 34.505,
328.068

94, 18.011,
145.836

68, 47.520,
328.640

97, 22.791,
146.350

63, 59.895,
329.195

97, 22.113,
147.661

59, 71.157,
329.721

97, 21.445,
149.050

56, 80.766,
330.210

97, 20.789,
150.524

53, 88.198,
330.657

97, 20.146,
152.090

52, 93.089,
331.064

97, 19.517,
153.754

■ 51, 95.395,
331.443

■ 97, 18.904,
155.524

Harmonies

Complementary

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



83, 7.934, 326.889



85, 7.912, 146.267

Rectangle

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



83, 7.934, 326.889



83, 7.934, 16.889



83, 7.934, 146.889



83, 7.934, 196.889

Sweetspot

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



83, 7.932, 326.890



99, 3.013, 326.590



82, 6.906, 293.342



53, 1.713, 326.578



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, 7.932, 326.890



96, 10.564, 326.955



83, 5.625, 347.851



43, 5.950, 326.983



40, 80.618, 331.532



6, 31.157, 330.698

Inverse Universe

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



83, 7.932, 326.890



96, 10.564, 326.955



85, 5.559, 166.968



43, 5.950, 326.983



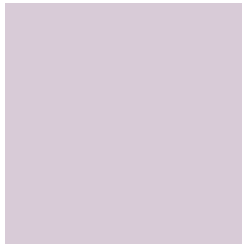
40, 80.618, 331.532



6, 31.157, 330.698

Previews

White Background



This preview shows how the CIELCh color 83, 7.934, 326.889 looks on a white background.

Color Contrast Check

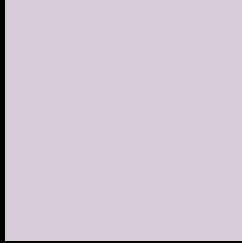
Large Text (above 18pt) WCAG AA × Fail

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, 7.934, 326.889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

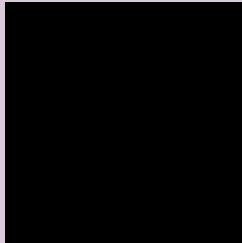
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

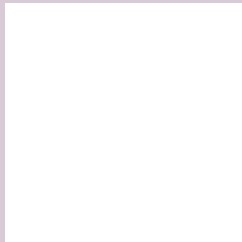
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 7.934, 326.889

Background



This preview shows how black text looks on a background with the CIELCh color 83, 7.934, 326.889.



This preview shows how white text looks on a background with the CIELCh color 83, 7.934, 326.889.

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, 7.934, 326.889

Protanopia

83, 5.350, 298.310

Deuteranopia

83, 11.550, 336.996



Tritanopia
83, 9.895, 321.327

Trichromacy



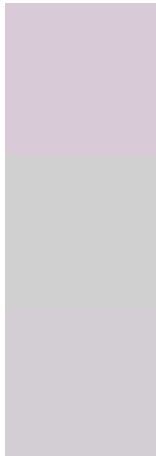
Original Color
83, 7.934, 326.889

Protanomaly
83, 6.233, 310.834

Deuteranomaly
83, 10.148, 333.372

Tritanomaly
83, 9.447, 322.964

Monochromacy



Original Color
83, 7.934, 326.889

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, 7.934, 326.889 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(216, 203, 215)` looks like.

```
.text, #text, p{  
    color:rgb(216, 203, 215)  
}
```

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(216, 203, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 203, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 7.934, 326.889 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(216, 203, 215) }
```

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

```
.border{ border-color:rgb(216, 203, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 203, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 203, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 203, 215);  
box-shadow:4px 4px 4px 4px rgb(216, 203,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 7.934, 326.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 203, 215) }
```

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

```
.background{ background-color: rgb(216,  
203, 215) }
```

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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