

Converting Colors

CIELCh(83, 3.134, 92.569)

Have a look what the booklet for
CIELCh(83, 3.134, 92.569) contains.

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Color

CIELCh(83, 3.232, 96.727)

Conversions

Conversions Part 1

Format	Color
Hex	D1CFC9
RGB	209, 207, 201
RGB Percent	82%, 81%, 79%
CMY	0.1818, 0.1896, 0.2131
CMYK	0.00, 0.01, 0.04, 0.18
HSL	45°, 8%, 80%
HSV	45°, 4%, 82%
XYZ	58.9269, 62.1629, 63.9379
YIQ	206.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

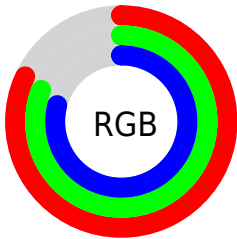
Format	Color
R_{YB}	204, 209, 201
Decimal	13750217
CIE Lab	83.00, -0.38, 3.21
CIE LCh	83, 3.232, 96.727
Yxy	62.1629, 0.3185, 0.3360
Android (android.graphics.Color)	4291940297 (0xFFD1CFC9)
YUV	206.9140, -2.9156, 1.8294
Hunter-Lab	78.8435, -4.5668, 7.1094

Details

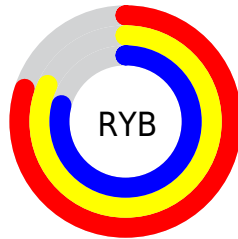
The CIELCh color **83, 3.232, 96.727** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 3.259, 277.776**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **63, 3.421, 96.598** is the 20% darker color. If you saturate the color by 10%, you get **81, 11.767, 95.610**, and if you desaturate by 10%, it is **85, 5.192, 278.003**.

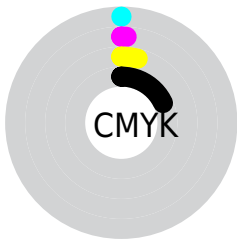
Distribution



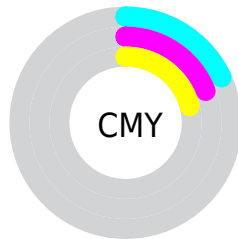
- Red (82%)
- Green (81%)
- Blue (79%)



- Red (80%)
- Yellow (82%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (18%)






























- Cyan (18%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 3.232, 96.727 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, 3.232, 96.727 by changing the saturation by 10% instead.

 83, 3.232, 96.727	 83, 3.232, 96.727
 100, 3.232, 96.727	 73, 3.232, 96.727
	 63, 3.232, 96.727
	 53, 3.232, 96.727
	 43, 3.232, 96.727
	 33, 3.232, 96.727
	 23, 3.232, 96.727
	 13, 3.232, 96.727
	 3, 3.232, 96.727
	 0, 3.232, 96.727

 83, 3.232, 96.727	 83, 3.232, 96.727
 81, 11.767, 95.610	 85, 5.192, 278.003
 79, 20.391, 94.386	 87, 13.503, 279.081
 78, 29.067, 93.123	
 76, 37.718, 91.827	 89, 17.541, 276.677
 74, 46.202, 90.502	 90, 15.449, 267.503
 73, 54.268, 89.141	
 71, 61.492, 87.719	 91, 13.857, 255.951
 70, 67.240, 86.186	 92, 12.940, 242.216
 68, 70.784, 84.446	 94, 12.830, 227.451
	 95, 13.534, 213.423

■ 97, 14.925,
201.450

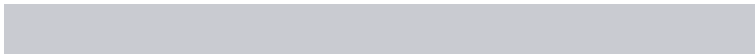
Harmonies

Complementary

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



83, 3.232, 96.727



82, 3.259, 277.776

Rectangle

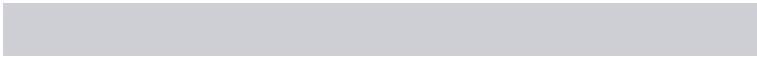
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 3.232, 96.727



83, 3.232, 146.727



83, 3.232, 276.727



83, 3.232, 326.727

Sweetspot

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



83, 3.234, 96.759



100, 0.983, 96.919



82, 3.131, 359.707



53, 0.558, 96.913



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, 3.234, 96.759



99, 4.971, 96.630



83, 4.276, 119.682



44, 2.883, 96.565



55, 61.457, 83.614



12, 18.056, 87.204

Inverse Universe

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



82, 3.259, 277.776



97, 5.006, 277.913



81, 4.326, 300.141



42, 2.903, 277.981



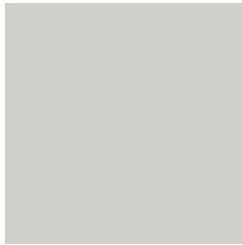
25, 80.315, 300.414



3, 21.222, 286.411

Previews

White Background



This preview shows how the CIELCh color 83, 3.232, 96.727 looks on a white background.

Color Contrast Check

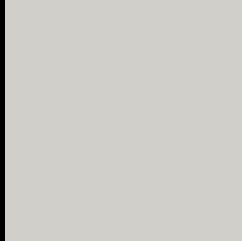
Large Text (above 18pt) WCAG AA × Fail

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, 3.232, 96.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

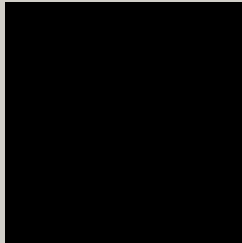
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

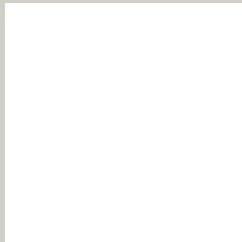
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 3.232, 96.727

Background



This preview shows how black text looks on a background with the CIELCh color 83, 3.232, 96.727.

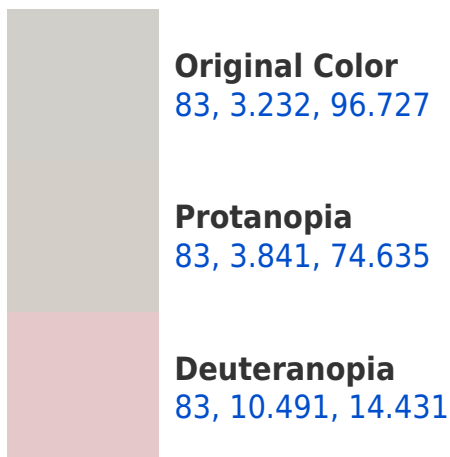


This preview shows how white text looks on a background with the CIELCh color 83, 3.232, 96.727.

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





Tritanopia
83, 8.971, 309.377

Trichromacy



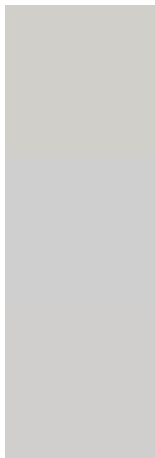
Original Color
83, 3.232, 96.727

Protanomaly
83, 3.642, 79.433

Deuteranomaly
83, 7.047, 19.865

Tritanomaly
83, 4.780, 317.411

Monochromacy



Original Color
83, 3.232, 96.727

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 1.103, 90.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 3.232, 96.727 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(209, 207, 201)` looks like.

```
.text, #text, p{  
    color:rgb(209, 207, 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(209, 207, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 207, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 3.232, 96.727 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(209, 207, 201) }
```

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

```
.border{ border-color:rgb(209, 207, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 207, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 207, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 207, 201);  
box-shadow:4px 4px 4px 4px rgb(209, 207,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 3.232, 96.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 207, 201) }
```

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

```
.background{ background-color: rgb(209,  
207, 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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