

Converting Colors

CIELCh(83, 9.912, 111.457)

Have a look what the booklet for
CIELCh(83, 9.912, 111.457) contains.

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Color

CIELCh(83, 10.004, 111.445)

Conversions

Conversions Part 1

Format	Color
Hex	CFD0BD
RGB	207, 208, 189
RGB Percent	81%, 82%, 74%
CMY	0.1876, 0.1836, 0.2582
CMYK	0.00, 0.00, 0.09, 0.18
HSL	63°, 17%, 78%
HSV	63°, 9%, 82%
XYZ	57.5777, 62.1629, 57.2012
YIQ	205.5350, 5.5030, -6.1210

Conversions

Conversions Part 2

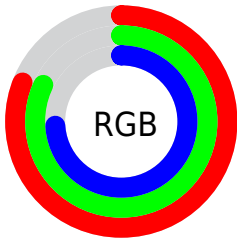
Format	Color
RYB	189, 208, 190
Decimal	13619389
CIELab	83.00, -3.66, 9.31
CIELCh	83, 10.004, 111.445
Yxy	62.1629, 0.3254, 0.3513
Android (android.graphics.Color)	4291809469 (0xFFCFD0BD)
YUV	205.5350, -8.1518, 1.2848
Hunter-Lab	78.8435, -7.6213, 12.1754

Details

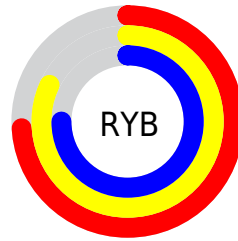
The CIELCh color **83, 10.004, 111.445** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 10.222, 293.113**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **63, 10.019, 111.363** is the 20% darker color. If you saturate the color by 10%, you get **82, 20.910, 110.568**, and if you desaturate by 10%, it is **84, 0.966, 292.379**.

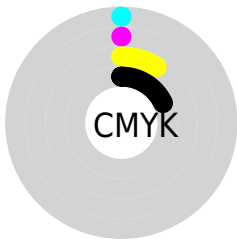
Distribution



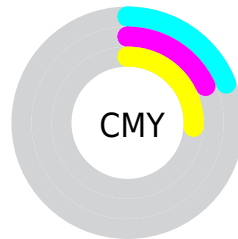
- Red (81%)
- Green (82%)
- Blue (74%)



- Red (74%)
- Yellow (82%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 10.004, 111.445 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, 10.004, 111.445 by changing the saturation by 10% instead.


 83, 10.004,
111.445


 83, 10.004,
111.445


 100, 10.004,
111.445

 73, 10.004,
111.445


 63, 10.004,
111.445

 53, 10.004,
111.445

 43, 10.004,
111.445

 33, 10.004,
111.445

 23, 10.004,
111.445

 13, 10.004,

111.445

■ 3, 10.004, 111.445

■ 0, 10.004, 111.445

■ 83, 10.004,
111.445

■ 83, 10.004,
111.445

■ 82, 20.910,
110.568

■ 84, 0.966, 292.379

■ 82, 31.671,
109.683

■ 84, 11.954,
293.187

■ 82, 42.168,
108.819

■ 85, 22.923,
294.004

■ 81, 52.219,
108.003

■ 85, 24.718,
294.838

■ 81, 61.548,

■ 85, 24.741,
295.680

107.270

85, 24.770,
296.522

81, 69.758,
106.669

85, 24.803,
297.364

81, 76.345,
106.252

86, 24.842,
298.206

80, 80.825,
106.071

86, 24.885,
299.047

80, 83.174,
106.127

Harmonies

Complementary

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



83, 10.004, 111.445



77, 10.222, 293.113

Rectangle

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



83, 10.004, 111.445



83, 10.004, 161.445



83, 10.004, 291.445



83, 10.004, 341.445

Sweetspot

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



83, 10.006, 111.453



100, 3.873, 111.979



78, 6.802, 24.123



53, 2.937, 111.911



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, 10.006, 111.453



99, 14.209, 111.277



82, 10.780, 130.419



44, 6.241, 111.429



66, 71.144, 106.087



15, 23.517, 107.954

Inverse Universe

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



77, 10.222, 293.113



91, 14.577, 293.316



78, 10.909, 311.174



40, 6.379, 293.141



20, 97.749, 306.462



2, 25.595, 294.557

Previews

White Background



This preview shows how the CIELCh color 83, 10.004, 111.445 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, 10.004, 111.445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

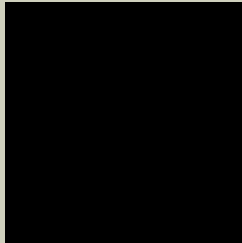
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

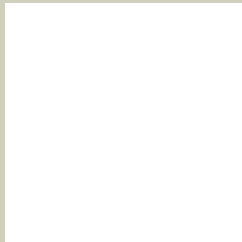
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 10.004, 111.445

Background



This preview shows how black text looks on a background with the CIELCh color 83, 10.004, 111.445.

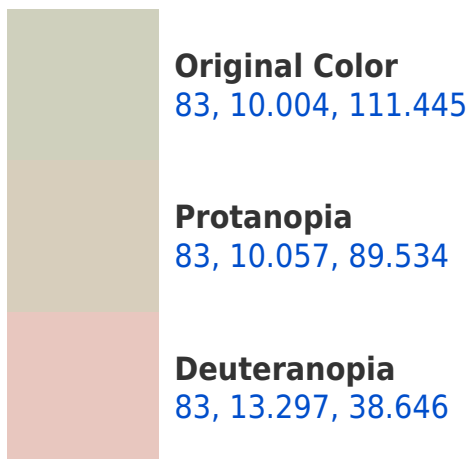


This preview shows how white text looks on a background with the CIELCh color 83, 10.004, 111.445.

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, 10.004, 111.445

Protanomaly
83, 10.163, 98.589

Deuteranomaly
83, 10.184, 58.076

Tritanomaly
83, 2.169, 332.308

Monochromacy



Original Color
83, 10.004, 111.445

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 3.705, 115.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 10.004, 111.445 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(207, 208, 189)` looks like.

```
.text, #text, p{  
    color:rgb(207, 208, 189)  
}
```

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(207, 208, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 208, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 10.004, 111.445 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(207, 208, 189) }
```

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

```
.border{ border-color:rgb(207, 208, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 208, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 208, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 208, 189);  
box-shadow:4px 4px 4px 4px rgb(207, 208,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 10.004, 111.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 208, 189) }
```

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

```
.background{ background-color: rgb(207,  
208, 189) }
```

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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