

Converting Colors

CIELCh(83, 11.711, 119.196)

Have a look what the booklet for
CIELCh(83, 11.711, 119.196)
contains.

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Color

CIELCh(83, 11.733, 118.366)

Conversions

Conversions Part 1

Format	Color
Hex	CCD1BB
RGB	204, 209, 187
RGB Percent	80%, 82%, 73%
CMY	0.1992, 0.1796, 0.2659
CMYK	0.02, 0.00, 0.11, 0.18
HSL	74°, 19%, 78%
HSV	74°, 11%, 82%
XYZ	56.7987, 62.1629, 56.1309
YIQ	204.9970, 4.0820, -7.9020

Conversions

Conversions Part 2

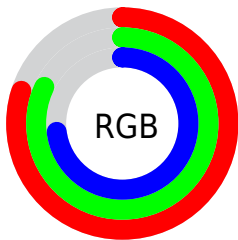
Format	Color
RYB	187, 209, 192
Decimal	13423035
CIELab	83.00, -5.57, 10.32
CIELCh	83, 11.733, 118.366
Yxy	62.1629, 0.3244, 0.3550
Android (android.graphics.Color)	4291613115 (0xFFCCD1BB)
YUV	204.9970, -8.8725, -0.8744
Hunter-Lab	78.8435, -9.3851, 12.9802

Details

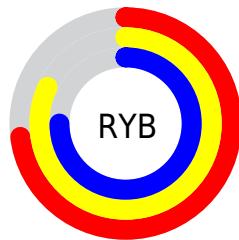
The CIELCh color **83, 11.733, 118.366** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 11.998, 299.762**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 6.073, 109.711**, and **63, 11.851, 118.616** is the 20% darker color. If you saturate the color by 10%, you get **82, 22.840, 117.712**, and if you desaturate by 10%, it is **84, 0.570, 119.053**.

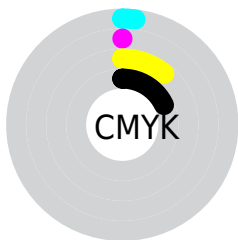
Distribution



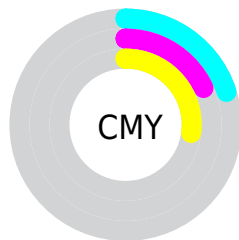
- Red (80%)
- Green (82%)
- Blue (73%)



- Red (73%)
- Yellow (82%)
- Blue (75%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 11.733, 118.366 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, 11.733, 118.366 by changing the saturation by 10% instead.


 83, 11.733,
118.366

 83, 11.733,
118.366


 100, 11.733,
118.366


 73, 11.733,
118.366


 63, 11.733,
118.366

 53, 11.733,
118.366

 43, 11.733,
118.366

 33, 11.733,
118.366

 23, 11.733,
118.366

 13, 11.733,

118.366

■ 3, 11.733, 118.366

■ 0, 11.733, 118.366

■ 83, 11.733,
118.366

■ 83, 11.733,
118.366

■ 82, 22.840,
117.712

■ 84, 0.570, 119.053

■ 81, 33.800,
117.055

■ 85, 10.597,
299.630

■ 81, 44.488,
116.423

■ 86, 21.725,
300.219

■ 80, 54.714,
115.853

■ 86, 24.602,
303.166

■ 80, 64.195,

■ 87, 24.961,
306.817

115.400

87, 25.417,
310.386

79, 72.528,
115.137

87, 25.964,
313.849

79, 79.212,
115.161

88, 26.601,
317.188

78, 83.784,
115.566

88, 27.322,
320.389

78, 86.290,
116.288

Harmonies

Complementary

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



83, 11.733, 118.366



77, 11.998, 299.762

Rectangle

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



83, 11.733, 118.366



83, 11.733, 168.366



83, 11.733, 298.366



83, 11.733, 348.366

Sweetspot

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



83, 11.735, 118.372



100, 3.924, 118.860



79, 6.980, 41.073



53, 2.977, 118.807



0, 0.000, 0.000



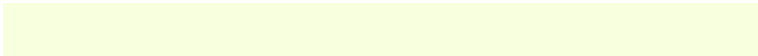
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 11.735, 118.372



99, 17.024, 118.199



82, 13.050, 135.815



44, 6.328, 118.445



64, 73.323, 116.104



15, 24.114, 117.562

Inverse Universe

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



77, 11.998, 299.762



90, 17.495, 299.959



78, 13.158, 316.686



40, 6.456, 299.681



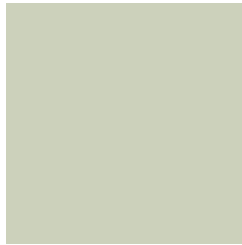
21, 96.135, 307.558



2, 25.827, 298.947

Previews

White Background



This preview shows how the CIELCh color 83, 11.733, 118.366 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, 11.733, 118.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

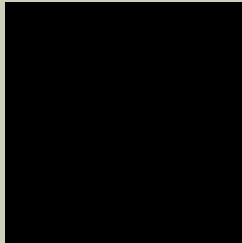
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

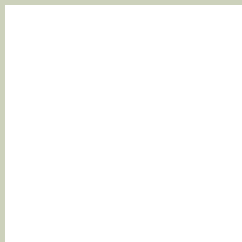
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 11.733, 118.366

Background



This preview shows how black text looks on a background with the CIELCh color 83, 11.733, 118.366.



This preview shows how white text looks on a background with the CIELCh color 83, 11.733, 118.366.

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, 11.733, 118.366

Protanopia
83, 11.561, 91.966

Deuteranopia
83, 14.084, 42.117



Tritanopia
83, 9.201, 302.032

Trichromacy



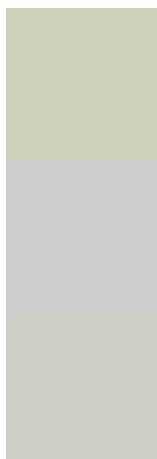
Original Color
83, 11.733, 118.366

Protanomaly
83, 11.144, 101.391

Deuteranomaly
83, 10.987, 65.554

Tritanomaly
83, 1.640, 303.086

Monochromacy



Original Color
83, 11.733, 118.366

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 4.283, 119.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 11.733, 118.366 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(204, 209, 187)` looks like.

```
.text, #text, p{  
    color:rgb(204, 209, 187)  
}
```

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(204, 209, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 209, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 11.733, 118.366 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(204, 209, 187) }
```

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

```
.border{ border-color:rgb(204, 209, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 209, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 209, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 209, 187); box-shadow:4px 4px 4px 4px rgb(204, 209, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 11.733, 118.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 209, 187) }
```

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

```
.background{ background-color: rgb(204,  
209, 187) }
```

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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