

Converting Colors

CIELCh(83, 33.135, 108.272)

Have a look what the booklet for
CIELCh(83, 33.135, 108.272)
contains.

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Color

CIELCh(83, 33.291, 108.628)

Conversions

Conversions Part 1

Format	Color
Hex	D1D393
RGB	209, 211, 147
RGB Percent	82%, 83%, 58%
CMY	0.1809, 0.1730, 0.4240
CMYK	0.01, 0.00, 0.30, 0.17
HSL	62°, 42%, 70%
HSV	62°, 30%, 83%
XYZ	54.7761, 62.1629, 36.6650
YIQ	203.1060, 19.3520, -20.3280

Conversions

Conversions Part 2

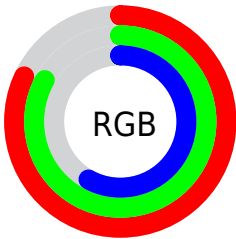
Format	Color
RYB	147, 211, 149
Decimal	13751187
CIELab	83.00, -10.63, 31.55
CIELCh	83, 33.291, 108.628
Yxy	62.1629, 0.3566, 0.4047
Android (android.graphics.Color)	4291941267 (0xFFD1D393)
YUV	203.1060, -27.6603, 5.1690
Hunter-Lab	78.8435, -13.9642, 27.6185

Details

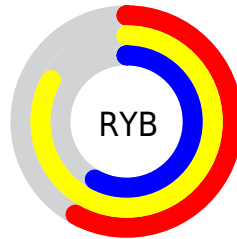
The CIELCh color **83, 33.291, 108.628** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63, 35.842, 294.943**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 27.235, 108.110**, and **63, 33.309, 108.745** is the 20% darker color. If you saturate the color by 10%, you get **83, 43.850, 107.739**, and if you desaturate by 10%, it is **83, 22.451, 109.548**.

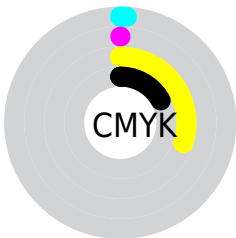
Distribution



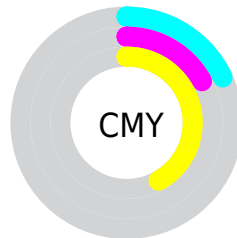
- Red (82%)
- Green (83%)
- Blue (58%)



- Red (58%)
- Yellow (83%)
- Blue (58%)



- Cyan (1%)
- Magenta (0%)
- Yellow (30%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 33.291, 108.628 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, 33.291, 108.628 by changing the saturation by 10% instead.

■ 83, 33.291,
108.628

■ 83, 33.291,
108.628

■ 100, 33.291,
108.628

■ 73, 33.291,
108.628

■ 63, 33.291,
108.628

■ 53, 33.291,
108.628

■ 43, 33.291,
108.628

■ 33, 33.291,
108.628

■ 23, 33.291,
108.628

■ 13, 33.291,

108.628

■ 3, 33.291, 108.628

■ 0, 33.291, 108.628

■ 83, 33.291,
108.628

■ 83, 33.291,
108.628

■ 83, 43.850,
107.739

■ 83, 22.451,
109.548

■ 82, 53.926,
106.897

■ 84, 11.451,
110.467

■ 82, 63.227,
106.140

■ 84, 0.376, 111.237

■ 82, 71.332,
105.513

■ 85, 10.721,
292.275

■ 82, 77.725,

■ 86, 21.804,
293.131

105.064

86, 23.219,
293.708

82, 81.933,
104.836

86, 23.229,
294.249

82, 84.043,
104.810

86, 23.241,
294.789

86, 23.255,
295.330

Harmonies

Complementary

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



83, 33.291, 108.628



63, 35.842, 294.943

Rectangle

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



83, 33.291, 108.628



83, 33.291, 158.628



83, 33.291, 288.628



83, 33.291, 338.628

Sweetspot

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



83, 33.293, 108.631



99, 11.622, 110.581



67, 25.648, 23.170



53, 8.074, 110.447



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, 33.293, 108.631



98, 45.839, 108.087



81, 35.893, 128.248



44, 6.237, 110.553



66, 71.052, 104.780



16, 23.497, 106.716

Inverse Universe

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



63, 35.842, 294.943



71, 50.246, 295.870



66, 37.387, 311.096



40, 6.375, 292.333



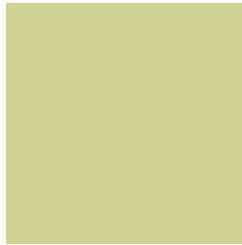
20, 97.861, 306.391



2, 25.577, 294.012

Previews

White Background



This preview shows how the CIELCh color 83, 33.291, 108.628 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, 33.291, 108.628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

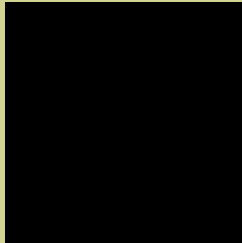
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

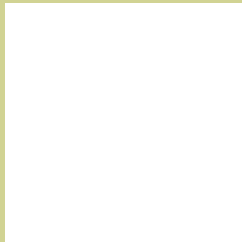
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 33.291, 108.628

Background



This preview shows how black text looks on a background with the CIELCh color 83, 33.291, 108.628.



This preview shows how white text looks on a background with the CIELCh color 83, 33.291, 108.628.

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, 33.291, 108.628

Protanopia

83, 32.651, 95.113

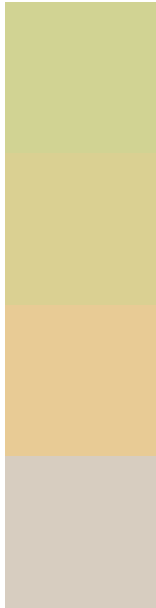
Deuteranopia

83, 32.108, 71.079



Tritanopia
83, 10.282, 324.817

Trichromacy



Original Color
83, 33.291, 108.628

Protanomaly
83, 32.595, 100.182

Deuteranomaly
83, 30.817, 85.118

Tritanomaly
83, 7.797, 80.741

Monochromacy



Original Color
83, 33.291, 108.628

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 12.125, 110.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 33.291, 108.628 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, 211, 147)` looks like.

```
.text, #text, p{  
    color:rgb(209, 211, 147)  
}
```

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, 211, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 211, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 33.291, 108.628 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, 211, 147) }
```

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

```
.border{ border-color:rgb(209, 211, 147) }
```

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

Here you see how a box with a 4 pixel rgb(209, 211, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 211, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 211, 147);  
box-shadow:4px 4px 4px 4px rgb(209, 211,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 33.291, 108.628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 211, 147) }
```

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

```
.background{ background-color: rgb(209,  
211, 147) }
```

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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