

Converting Colors

CIELCh(83, 34.583, 115.111)

Have a look what the booklet for
CIELCh(83, 34.583, 115.111)
contains.

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Color

CIELCh(83, 34.610, 115.102)

Conversions

Conversions Part 1

Format	Color
Hex	C9D593
RGB	201, 213, 147
RGB Percent	79%, 84%, 58%
CMY	0.2115, 0.1644, 0.4232
CMYK	0.06, 0.00, 0.31, 0.16
HSL	71°, 44%, 71%
HSV	71°, 31%, 84%
XYZ	53.1926, 62.1629, 36.8278
YIQ	201.8880, 14.0340, -23.0700

Conversions

Conversions Part 2

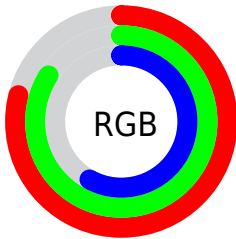
Format	Color
RYB	147, 213, 159
Decimal	13227411
CIELab	83.00, -14.68, 31.34
CIELCh	83, 34.610, 115.102
Yxy	62.1629, 0.3495, 0.4085
Android (android.graphics.Color)	4291417491 (0xFFC9D593)
YUV	201.8880, -27.0598, -0.7788
Hunter-Lab	78.8435, -17.5491, 27.4960

Details

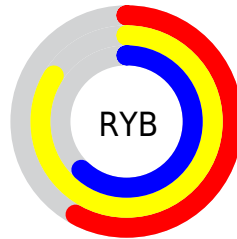
The CIELCh color **83, 34.610, 115.102** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 37.148, 299.983**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 27.235, 108.110**, and **63, 34.196, 115.098** is the 20% darker color. If you saturate the color by 10%, you get **82, 45.365, 114.422**, and if you desaturate by 10%, it is **84, 23.569, 115.815**.

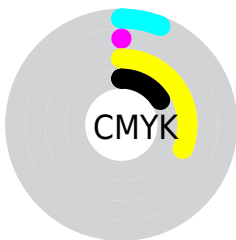
Distribution



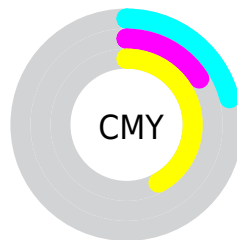
- Red (79%)
- Green (84%)
- Blue (58%)



- Red (58%)
- Yellow (84%)
- Blue (62%)



- Cyan (6%)
- Magenta (0%)
- Yellow (31%)
- Black (16%)





- Cyan (21%)
- Magenta (16%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 34.610, 115.102 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, 34.610, 115.102 by changing the saturation by 10% instead.


 83, 34.610,
115.102


 83, 34.610,
115.102


 100, 34.610,
115.102


 73, 34.610,
115.102

 63, 34.610,
115.102

 53, 34.610,
115.102

 43, 34.610,
115.102

 33, 34.610,
115.102

 23, 34.610,
115.102

 13, 34.610,

115.102

■ 3, 34.610, 115.102

■ 0, 34.610, 115.102

■ 83, 34.610,
115.102

■ 83, 34.610,
115.102

■ 82, 45.365,
114.422

■ 84, 23.569,
115.815

■ 82, 55.630,
113.803

■ 84, 12.367,
116.528

■ 81, 65.110,
113.297

■ 85, 1.094, 117.231

■ 81, 73.385,
112.976

■ 86, 10.192,
297.902

■ 81, 79.940,

■ 87, 21.448,
298.547

112.927

87, 22.361,
301.701

80, 84.310,
113.233

88, 22.625,
304.993

80, 86.523,
113.798

88, 22.961,
308.224

88, 23.365,
311.377

Harmonies

Complementary

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



83, 34.610, 115.102



64, 37.148, 299.983

Rectangle

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



83, 34.610, 115.102



83, 34.610, 165.102



83, 34.610, 295.102



83, 34.610, 345.102

Sweetspot

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



83, 34.612, 115.105



99, 11.731, 116.661



70, 23.415, 35.978



53, 8.151, 116.557



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, 34.612, 115.105



97, 47.568, 114.663



81, 38.519, 133.216



45, 6.422, 116.638



65, 73.348, 113.644



16, 25.417, 114.640

Inverse Universe

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



64, 37.148, 299.983



71, 51.959, 300.694



67, 39.549, 316.000



41, 6.557, 297.989



21, 97.791, 307.148



2, 27.813, 298.560

Previews

White Background



This preview shows how the CIELCh color 83, 34.610, 115.102 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, 34.610, 115.102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

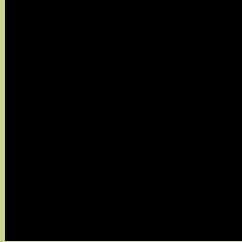
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 34.610, 115.102

Background



This preview shows how black text looks on a background with the CIELCh color 83, 34.610, 115.102.



This preview shows how white text looks on a background with the CIELCh color 83, 34.610, 115.102.

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, 34.610, 115.102

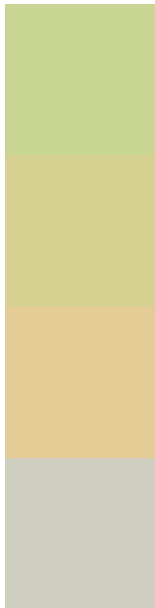
Protanopia
83, 33.155, 95.239

Deuteranopia
83, 32.108, 71.079



Tritanopia
83, 8.862, 307.190

Trichromacy



Original Color
83, 34.610, 115.102

Protanomaly
83, 33.419, 103.069

Deuteranomaly
83, 30.339, 87.252

Tritanomaly
83, 7.371, 109.523

Monochromacy



Original Color
83, 34.610, 115.102

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 12.749, 115.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 34.610, 115.102 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(201, 213, 147)` looks like.

```
.text, #text, p{  
    color:rgb(201, 213, 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(201, 213, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 213, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 34.610, 115.102 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(201, 213, 147) }
```

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

```
.border{ border-color:rgb(201, 213, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 213, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 213, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 213, 147);  
box-shadow:4px 4px 4px 4px rgb(201, 213,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 34.610, 115.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 213, 147) }
```

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

```
.background{ background-color: rgb(201,  
213, 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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