

Converting Colors

CIELCh(83, 22.532, 117.741)

Have a look what the booklet for
CIELCh(83, 22.532, 117.741)
contains.

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Color

CIELCh(83, 22.278, 117.219)

Conversions

Conversions Part 1

Format	Color
Hex	CAD3A9
RGB	202, 211, 169
RGB Percent	79%, 83%, 66%
CMY	0.2069, 0.1716, 0.3364
CMYK	0.04, 0.00, 0.20, 0.17
HSL	73°, 32%, 75%
HSV	73°, 20%, 83%
XYZ	54.9517, 62.1629, 46.7469
YIQ	203.5210, 8.1180, -14.9700

Conversions

Conversions Part 2

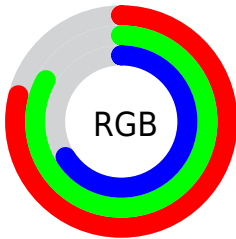
Format	Color
RYB	169, 211, 178
Decimal	13292457
CIELab	83.00, -10.19, 19.81
CIELCh	83, 22.278, 117.219
Yxy	62.1629, 0.3354, 0.3794
Android (android.graphics.Color)	4291482537 (0xFFCAD3A9)
YUV	203.5210, -17.0189, -1.3339
Hunter-Lab	78.8435, -13.5667, 20.0369

Details

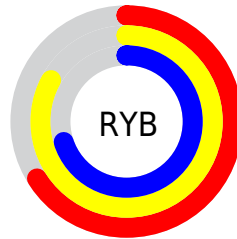
The CIELCh color **83, 22.278, 117.219** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **71, 23.238, 300.036**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.682, 108.992**, and **63, 22.398, 117.320** is the 20% darker color. If you saturate the color by 10%, you get **82, 33.316, 116.549**, and if you desaturate by 10%, it is **84, 11.102, 117.897**.

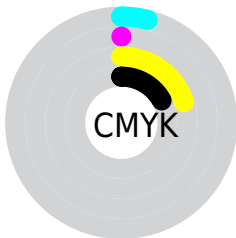
Distribution



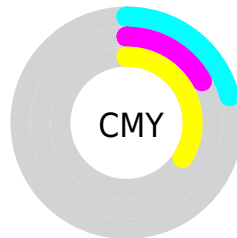
- Red (79%)
- Green (83%)
- Blue (66%)



- Red (66%)
- Yellow (83%)
- Blue (70%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (17%)





- Cyan (21%)
- Magenta (17%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 22.278, 117.219 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, 22.278, 117.219 by changing the saturation by 10% instead.


 83, 22.278,
117.219


 83, 22.278,
117.219


 100, 22.278,
117.219


 73, 22.278,
117.219

 63, 22.278,
117.219

 53, 22.278,
117.219

 43, 22.278,
117.219

 33, 22.278,
117.219

 23, 22.278,
117.219

 13, 22.278,

117.219

■ 3, 22.278, 117.219

■ 0, 22.278, 117.219

■ 83, 22.278,
117.219

■ 83, 22.278,
117.219

■ 82, 33.316,
116.549

■ 84, 11.102,
117.897

■ 82, 44.086,
115.900

■ 85, 0.135, 298.423

■ 81, 54.403,
115.311

■ 86, 11.374,
299.184

■ 80, 63.985,
114.832

■ 87, 22.573,
299.785

■ 80, 72.434,

■ 87, 23.496,
303.296

114.537

87, 23.846,
306.937

80, 79.246,
114.517

88, 24.287,
310.493

79, 83.943,
114.866

88, 24.816,
313.940

79, 86.600,
115.582

88, 25.429,
317.261

79, 86.627,
115.590

Harmonies

Complementary

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



83, 22.278, 117.219



71, 23.238, 300.036

Rectangle

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



83, 22.278, 117.219



83, 22.278, 167.219



83, 22.278, 297.219



83, 22.278, 347.219

Sweetspot

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



83, 22.280, 117.223



99, 7.847, 118.152



75, 13.950, 39.164



53, 5.206, 118.108



0, 0.000, 0.000



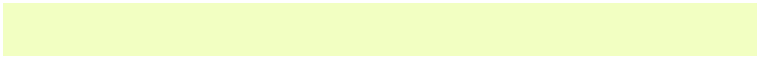
53, 0.007, 296.813

Same Dimension

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



83, 22.280, 117.223



98, 31.268, 116.927



82, 24.817, 134.835



44, 6.318, 117.929



64, 73.083, 115.407



15, 24.045, 116.883

Inverse Universe

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



71, 23.238, 300.036



81, 32.942, 300.422



73, 25.191, 316.572



40, 6.447, 299.196



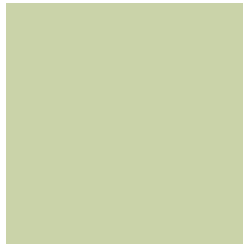
21, 96.307, 307.433



2, 25.804, 298.622

Previews

White Background



This preview shows how the CIELCh color 83, 22.278, 117.219 looks on a white background.

Color Contrast Check

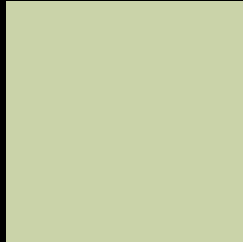
Large Text (above 18pt) WCAG AA × Fail

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, 22.278, 117.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

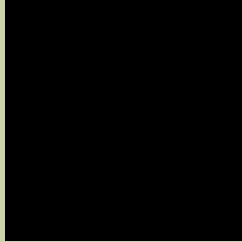
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

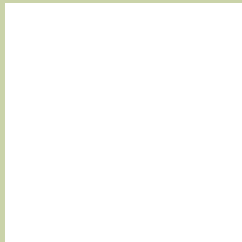
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 22.278, 117.219

Background



This preview shows how black text looks on a background with the CIELCh color 83, 22.278, 117.219.



This preview shows how white text looks on a background with the CIELCh color 83, 22.278, 117.219.

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, 22.278, 117.219

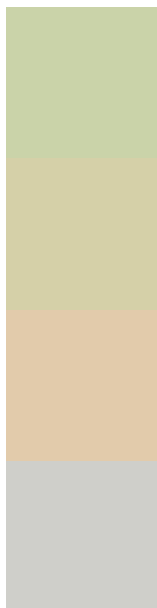
Protanopia
83, 21.120, 94.355

Deuteranopia
83, 21.439, 61.379



Tritanopia
83, 8.683, 302.682

Trichromacy



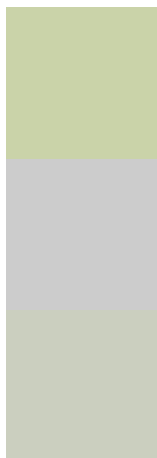
Original Color
83, 22.278, 117.219

Protanomaly
83, 21.064, 103.006

Deuteranomaly
83, 19.170, 80.554

Tritanomaly
83, 2.628, 109.923

Monochromacy



Original Color
83, 22.278, 117.219

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 8.574, 119.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 22.278, 117.219 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(202, 211, 169)` looks like.

```
.text, #text, p{  
    color:rgb(202, 211, 169)  
}
```

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(202, 211, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 211, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 22.278, 117.219 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(202, 211, 169) }
```

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

```
.border{ border-color:rgb(202, 211, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 211, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 211, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 211, 169);  
box-shadow:4px 4px 4px 4px rgb(202, 211,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 22.278, 117.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 211, 169) }
```

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

```
.background{ background-color: rgb(202,  
211, 169) }
```

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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