

Converting Colors

CIELCh(83, 39.155, 126.786)

Have a look what the booklet for
CIELCh(83, 39.155, 126.786)
contains.

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Color

CIELCh(83, 39.155, 126.786)

Conversions

Conversions Part 1

Format	Color
Hex	B8DA93
RGB	184, 218, 147
RGB Percent	72%, 85%, 58%
CMY	0.2800, 0.1467, 0.4250
CMYK	0.16, 0.00, 0.33, 0.15
HSL	89°, 49%, 71%
HSV	89°, 33%, 85%
XYZ	49.8699, 62.1629, 36.8143
YIQ	199.7400, 2.5270, -29.2890

Conversions

Conversions Part 2

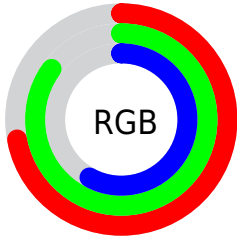
Format	Color
RYB	147, 218, 181
Decimal	12114579
CIELab	83.00, -23.45, 31.36
CIElCh	83, 39.155, 126.786
Yxy	62.1629, 0.3350, 0.4176
Android (android.graphics.Color)	4290304659 (0xFFB8DA93)
YUV	199.7400, -26.0008, -13.8040
Hunter-Lab	78.8435, -25.0716, 27.5063

Details

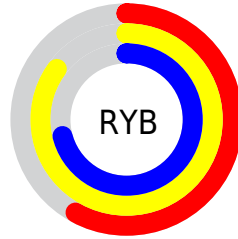
The CIELCh color **83, 39.155, 126.786** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 41.097, 309.982**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 27.301, 119.163**, and **63, 38.944, 126.910** is the 20% darker color. If you saturate the color by 10%, you get **82, 50.798, 126.314**, and if you desaturate by 10%, it is **84, 27.240, 127.280**.

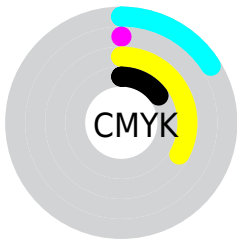
Distribution



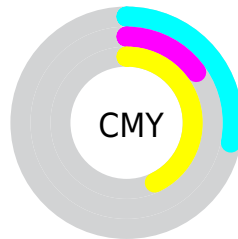
- Red (72%)
- Green (85%)
- Blue (58%)



- Red (58%)
- Yellow (85%)
- Blue (71%)



- Cyan (16%)
- Magenta (0%)
- Yellow (33%)
- Black (15%)




- Cyan (28%)
- Magenta (15%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 39.155, 126.786 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, 39.155, 126.786 by changing the saturation by 10% instead.


 83, 39.155,
126.786


 83, 39.155,
126.786


 100, 39.155,
126.786


 73, 39.155,
126.786

 63, 39.155,
126.786

 53, 39.155,
126.786

 43, 39.155,
126.786

 33, 39.155,
126.786

 23, 39.155,
126.786

 13, 39.155,

126.786

■ 3, 39.155, 126.786

■ 0, 39.155, 126.786

■ 83, 39.155,
126.786

■ 83, 39.155,
126.786

■ 82, 50.798,
126.314

■ 84, 27.240,
127.280

■ 81, 61.943,
125.904

■ 85, 15.200,
127.765

■ 80, 72.274,
125.625

■ 87, 3.142, 128.254

■ 80, 81.353,
125.580

■ 88, 8.860, 308.629

■ 89, 20.552,
309.200

■ 79, 88.657,

125.894

90, 21.897,
318.318

78, 93.751,
126.681

91, 23.427,
325.240

78, 96.279,
127.510

Harmonies

Complementary

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



83, 39.155, 126.786



66, 41.097, 309.982

Rectangle

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



83, 39.155, 126.786



83, 39.155, 176.786



83, 39.155, 306.786



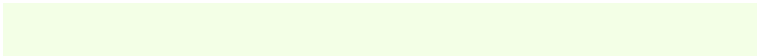
83, 39.155, 356.786

Sweetspot

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



83, 39.157, 126.788



99, 13.694, 127.886



76, 23.794, 67.854



52, 9.345, 127.819



0, 0.000, 0.000



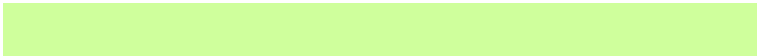
53, 0.007, 296.813

Same Dimension

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



83, 39.157, 126.788



95, 53.018, 126.465



81, 45.269, 141.332



46, 6.877, 127.917



64, 81.084, 127.255



16, 29.107, 127.654

Inverse Universe

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



66, 41.097, 309.982



72, 56.277, 310.366



70, 45.337, 325.241



43, 6.976, 308.753



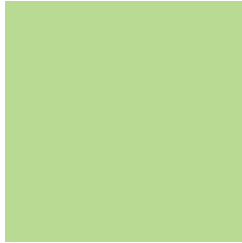
26, 93.826, 311.482



3, 31.085, 308.561

Previews

White Background



This preview shows how the CIELCh color 83, 39.155, 126.786 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, 39.155, 126.786 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, 39.155, 126.786

Background



This preview shows how black text looks on a background with the CIELCh color 83, 39.155, 126.786.



This preview shows how white text looks on a background with the CIELCh color 83, 39.155, 126.786.

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](#).

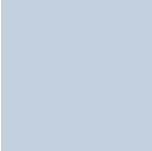
Dichromacy



Original Color
83, 39.155, 126.786

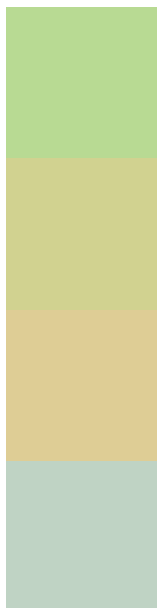
Protanopia
83, 34.160, 95.476

Deuteranopia
83, 31.409, 71.177



Tritanopia
83, 9.486, 262.625

Trichromacy



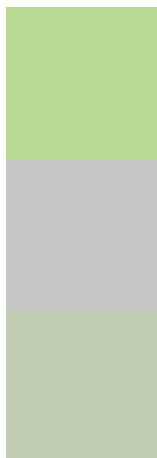
Original Color
83, 39.155, 126.786

Protanomaly
83, 34.324, 107.817

Deuteranomaly
83, 30.158, 94.376

Tritanomaly
83, 10.831, 151.731

Monochromacy



Original Color
83, 39.155, 126.786

Achromatopsia
80, 0.010, 296.813

Achromatomaly
81, 14.612, 128.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 39.155, 126.786 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(184, 218, 147)` looks like.

```
.text, #text, p{  
    color:rgb(184, 218, 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(184, 218, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 218, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 39.155, 126.786 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(184, 218, 147) }
```

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

```
.border{ border-color:rgb(184, 218, 147) }
```

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

Here you see how a box with a 4 pixel rgb(184, 218, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 218, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 218, 147);  
box-shadow:4px 4px 4px 4px rgb(184, 218,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 39.155, 126.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 218, 147) }
```

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

```
.background{ background-color: rgb(184,  
218, 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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