

Converting Colors

CIELCh(83, 39.409, 152.972)

Have a look what the booklet for
CIELCh(83, 39.409, 152.972)
contains.

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Color

CIELCh(83, 39.438, 152.956)

Conversions

Conversions Part 1

Format	Color
Hex	91E0AC
RGB	145, 224, 172
RGB Percent	57%, 88%, 67%
CMY	0.4322, 0.1224, 0.3263
CMYK	0.35, 0.00, 0.23, 0.12
HSL	141°, 56%, 72%
HSV	141°, 35%, 88%
XYZ	45.6616, 62.1629, 48.5159
YIQ	194.4510, -30.3920, -32.9200

Conversions

Conversions Part 2

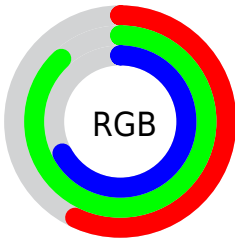
Format	Color
RYB	145, 204, 224
Decimal	9560236
CIELab	83.00, -35.13, 17.93
CIELCh	83, 39.438, 152.956
Yxy	62.1629, 0.2921, 0.3976
Android (android.graphics.Color)	4287750316 (0xFF91E0AC)
YUV	194.4510, -11.0683, -43.3685
Hunter-Lab	78.8435, -34.5992, 18.7067

Details

The CIELCh color **83, 39.438, 152.956** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **69, 40.069, 338.793**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 23.429, 161.769**, and **63, 39.062, 153.260** is the 20% darker color. If you saturate the color by 10%, you get **82, 50.111, 151.775**, and if you desaturate by 10%, it is **84, 28.397, 153.985**.

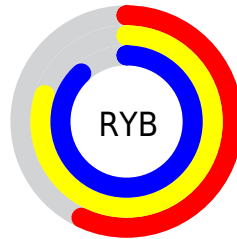
Distribution



Red (57%)

Green (88%)

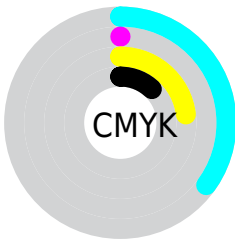
Blue (67%)



Red (57%)

Yellow (80%)

Blue (88%)

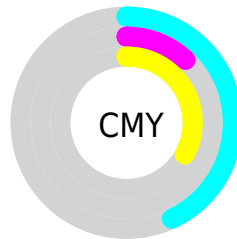


Cyan (35%)

Magenta (0%)

Yellow (23%)

Black (12%)



Cyan (43%)


Magenta (12%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 39.438, 152.956 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, 39.438, 152.956 by changing the saturation by 10% instead.


 83, 39.438,
152.956


 83, 39.438,
152.956


 100, 39.438,
152.956


 73, 39.438,
152.956

 63, 39.438,
152.956

 53, 39.438,
152.956

 43, 39.438,
152.956

 33, 39.438,
152.956

 23, 39.438,
152.956

 13, 39.438,

152.956

■ 3, 39.438, 152.956

■ 0, 39.438, 152.956

■ 83, 39.438,
152.956

■ 83, 39.438,
152.956

■ 82, 50.111,
151.775

■ 84, 28.397,
153.985

■ 81, 60.205,
150.420

■ 86, 17.172,
154.888

■ 80, 69.515,
148.874

■ 88, 5.921, 155.715

■ 79, 77.859,
147.131

■ 90, 5.230, 336.270

■ 92, 15.765,
335.379

■ 79, 85.108,

145.209

92, 19.529,
325.103

78, 91.205,
143.160

78, 93.744,
142.222

Harmonies

Complementary

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



83, 39.438, 152.956



69, 40.069, 338.793

Rectangle

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



83, 39.438, 152.956



83, 39.438, 202.956



83, 39.438, 332.956



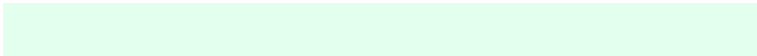
83, 39.438, 22.956

Sweetspot

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



83, 39.439, 152.956



98, 13.707, 155.240



86, 41.884, 121.094



52, 9.215, 155.128



0, 0.000, 0.000



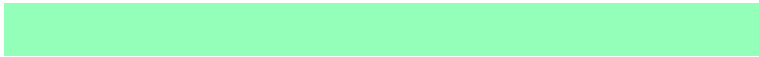
53, 0.007, 296.813

Same Dimension

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



83, 39.439, 152.956



92, 51.837, 152.146



84, 27.160, 182.630



46, 6.374, 155.374



63, 77.695, 142.579



16, 29.057, 146.879

Inverse Universe

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



69, 40.069, 338.793



75, 52.685, 339.448



68, 32.053, 9.951



44, 6.414, 336.667



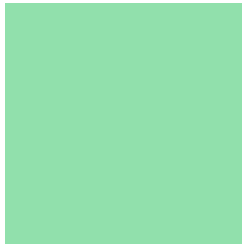
39, 68.188, 347.990



7, 28.631, 343.878

Previews

White Background



This preview shows how the CIELCh color 83, 39.438, 152.956 looks on a white background.

Color Contrast Check

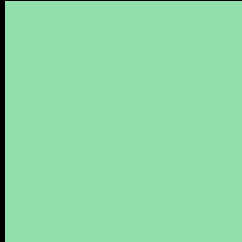
Large Text (above 18pt) WCAG AA × Fail

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, 39.438, 152.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

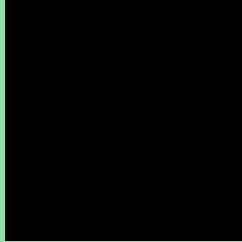
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 39.438, 152.956

Background



This preview shows how black text looks on a background with the CIELCh color 83, 39.438, 152.956.

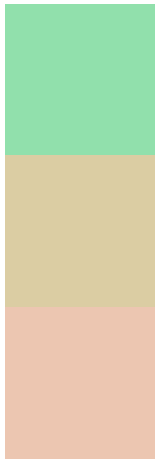


This preview shows how white text looks on a background with the CIELCh color 83, 39.438, 152.956.

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, 39.438, 152.956

Protanopia
83, 22.765, 94.126

Deuteranopia
83, 18.670, 56.341

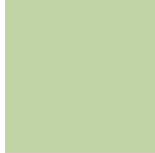


Tritanopia
83, 20.347, 224.668

Trichromacy



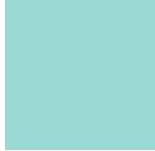
Original Color
83, 39.438, 152.956



Protanomaly
82, 25.328, 125.713



Deuteranomaly
82, 16.909, 113.885

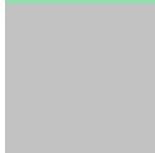


Tritanomaly
83, 22.600, 186.974

Monochromacy



Original Color
83, 39.438, 152.956



Achromatopsia
78, 0.009, 296.813



Achromatomaly
80, 14.748, 155.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 39.438, 152.956 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(145, 224, 172)` looks like.

```
.text, #text, p{  
    color:rgb(145, 224, 172)  
}
```

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(145, 224, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 224, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 39.438, 152.956 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(145, 224, 172) }
```

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

```
.border{ border-color:rgb(145, 224, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 224, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 224, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 224, 172);  
box-shadow:4px 4px 4px 4px rgb(145, 224,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 39.438, 152.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 224, 172) }
```

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

```
.background{ background-color: rgb(145,  
224, 172) }
```

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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