

Converting Colors

CIELCh(83, 30.517, 161.944)

Have a look what the booklet for
CIELCh(83, 30.517, 161.944)
contains.

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Color

CIELCh(83, 30.296, 162.190)

Conversions

Conversions Part 1

Format	Color
Hex	97DDBC
RGB	151, 221, 188
RGB Percent	59%, 87%, 74%
CMY	0.4065, 0.1319, 0.2614
CMYK	0.32, 0.00, 0.15, 0.13
HSL	152°, 51%, 73%
HSV	152°, 32%, 87%
XYZ	47.8944, 62.1629, 57.2491
YIQ	196.3080, -31.1270, -25.1030

Conversions

Conversions Part 2

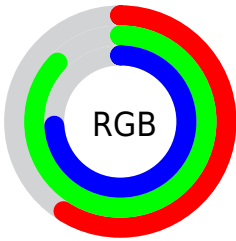
Format	Color
RYB	151, 197, 221
Decimal	9952700
CIELab	83.00, -28.84, 9.27
CIElCh	83, 30.296, 162.190
Yxy	62.1629, 0.2863, 0.3716
Android (android.graphics.Color)	4288142780 (0xFF97DDBC)
YUV	196.3080, -4.0958, -39.7351
Hunter-Lab	78.8435, -29.5441, 12.1393

Details

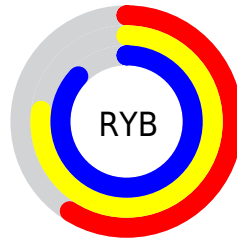
The CIELCh color **83, 30.296, 162.190** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **70, 31.688, 348.297**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.329, 179.319**, and **63, 30.573, 162.319** is the 20% darker color. If you saturate the color by 10%, you get **82, 39.365, 160.983**, and if you desaturate by 10%, it is **84, 20.878, 163.267**.

Distribution



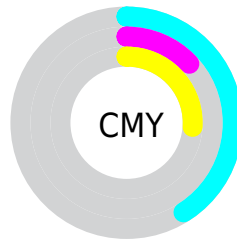
- Red (59%)
- Green (87%)
- Blue (74%)



- Red (59%)
- Yellow (77%)
- Blue (87%)



- Cyan (32%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)





- Cyan (41%)
- Magenta (13%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 30.296, 162.190 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, 30.296, 162.190 by changing the saturation by 10% instead.


 83, 30.296,
162.190


 83, 30.296,
162.190


 100, 30.296,
162.190


 73, 30.296,
162.190

 63, 30.296,
162.190

 53, 30.296,
162.190

 43, 30.296,
162.190

 33, 30.296,
162.190

 23, 30.296,
162.190

 13, 30.296,

162.190

■ 3, 30.296, 162.190

■ 0, 30.296, 162.190

■ 83, 30.296,
162.190

■ 83, 30.296,
162.190

■ 82, 39.365,
160.983

■ 84, 20.878,
163.267

■ 81, 47.915,
159.623

■ 86, 11.258,
164.247

■ 80, 55.787,
158.084

■ 88, 1.570, 165.363

■ 79, 62.847,
156.343

■ 90, 8.081, 345.816

■ 91, 15.590,
341.082

■ 79, 69.012,

154.387

92, 19.395,
328.634

78, 74.277,
152.223

92, 21.050,
325.157

78, 78.128,
150.324

Harmonies

Complementary

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



83, 30.296, 162.190



70, 31.688, 348.297

Rectangle

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



83, 30.296, 162.190



83, 30.296, 212.190



83, 30.296, 342.190



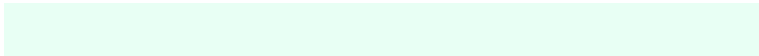
83, 30.296, 32.190

Sweetspot

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



83, 30.297, 162.189



98, 9.772, 164.488



84, 38.890, 128.182



52, 6.791, 164.350



0, 0.000, 0.000



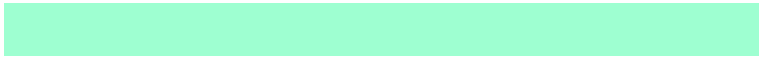
53, 0.007, 296.813

Same Dimension

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



83, 30.297, 162.189



93, 40.501, 161.400



84, 22.422, 199.467



45, 5.454, 164.455



62, 64.572, 150.737



16, 23.676, 155.502

Inverse Universe

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



70, 31.688, 348.297



76, 42.719, 349.131



70, 27.949, 23.332



43, 5.533, 345.975



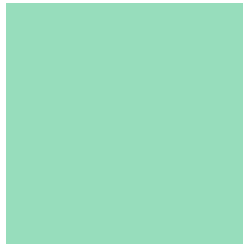
37, 63.276, 4.490



6, 24.802, 356.507

Previews

White Background



This preview shows how the CIELCh color 83, 30.296, 162.190 looks on a white background.

Color Contrast Check

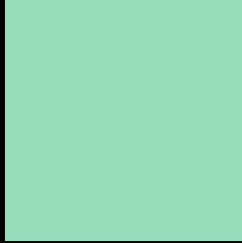
Large Text (above 18pt) WCAG AA × Fail

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, 30.296, 162.190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

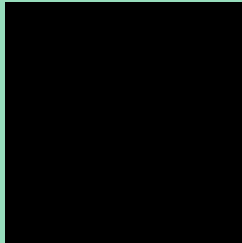
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 30.296, 162.190

Background



This preview shows how black text looks on a background with the CIELCh color 83, 30.296, 162.190.

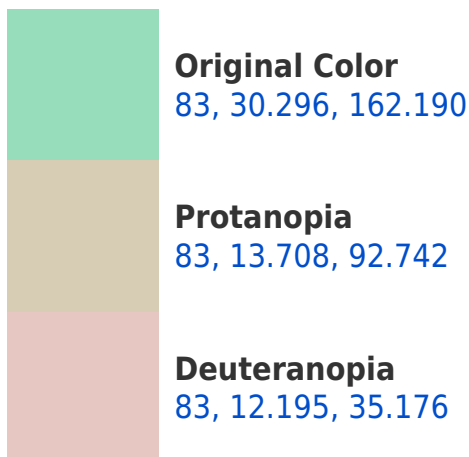


This preview shows how white text looks on a background with the CIELCh color 83, 30.296, 162.190.

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





Tritanopia
83, 19.327, 226.259

Trichromacy



Original Color
83, 30.296, 162.190



Protanomaly
82, 16.415, 134.486



Deuteranomaly
82, 8.744, 124.207



Tritanomaly
83, 20.006, 196.494

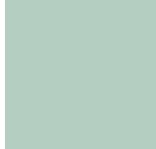
Monochromacy



Original Color
83, 30.296, 162.190



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 11.442, 164.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 30.296, 162.190 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(151, 221, 188)` looks like.

```
.text, #text, p{  
    color:rgb(151, 221, 188)  
}
```

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(151, 221, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 221, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 30.296, 162.190 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(151, 221, 188) }
```

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

```
.border{ border-color:rgb(151, 221, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 221, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 221, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 221, 188);  
box-shadow:4px 4px 4px 4px rgb(151, 221,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 30.296, 162.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 221, 188) }
```

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

```
.background{ background-color: rgb(151,  
221, 188) }
```

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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