

Converting Colors

CIELCh(83, 27.913, 137.881)

Have a look what the booklet for
CIELCh(83, 27.913, 137.881)
contains.

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Color

CIELCh(83, 27.913, 137.881)

Conversions

Conversions Part 1

Format	Color
Hex	B4D9AB
RGB	180, 217, 171
RGB Percent	71%, 85%, 67%
CMY	0.2947, 0.1496, 0.3300
CMYK	0.17, 0.00, 0.21, 0.15
HSL	108°, 38%, 76%
HSV	108°, 21%, 85%
XYZ	50.8943, 62.1629, 47.7679
YIQ	200.6930, -7.2860, -22.1500

Conversions

Conversions Part 2

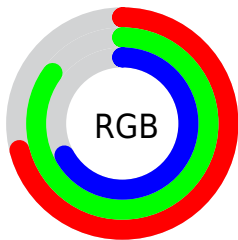
Format	Color
RYB	171, 217, 208
Decimal	11852203
CIELab	83.00, -20.70, 18.72
CIELCh	83, 27.913, 137.881
Yxy	62.1629, 0.3165, 0.3865
Android (android.graphics.Color)	4290042283 (0xFFB4D9AB)
YUV	200.6930, -14.6386, -18.1478
Hunter-Lab	78.8435, -22.7524, 19.2691

Details

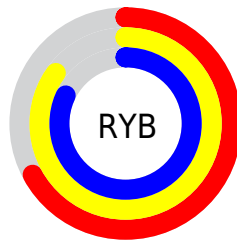
The CIELCh color **83, 27.913, 137.881** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **74, 28.189, 319.882**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 16.287, 133.819**, and **63, 27.641, 137.866** is the 20% darker color. If you saturate the color by 10%, you get **82, 41.054, 137.272**, and if you desaturate by 10%, it is **85, 14.706, 138.431**.

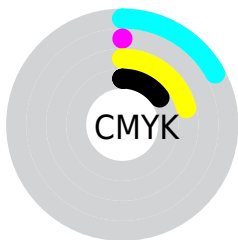
Distribution



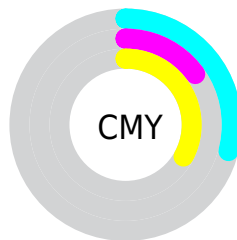
- Red (71%)
- Green (85%)
- Blue (67%)



- Red (67%)
- Yellow (85%)
- Blue (82%)



- Cyan (17%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)




- Cyan (29%)
- Magenta (15%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 27.913, 137.881 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, 27.913, 137.881 by changing the saturation by 10% instead.


 83, 27.913,
137.881


 83, 27.913,
137.881


 100, 27.913,
137.881


 73, 27.913,
137.881

 63, 27.913,
137.881

 53, 27.913,
137.881

 43, 27.913,
137.881

 33, 27.913,
137.881

 23, 27.913,
137.881

 13, 27.913,

137.881

■ 3, 27.913, 137.881

■ 0, 27.913, 137.881

■ 83, 27.913,
137.881

■ 83, 27.913,
137.881

■ 82, 41.054,
137.272

■ 85, 14.706,
138.431

■ 80, 53.920,
136.608

■ 86, 1.572, 139.032

■ 79, 66.240,
135.918

■ 88, 11.383,
319.281

■ 78, 77.646,
135.258

■ 90, 22.930,
321.236

■ 77, 87.657,

■ 91, 23.897,
325.257

134.717

■ 77, 95.711,
134.422

■ 76, 101.297,
134.492

■ 76, 104.258,
134.801

Harmonies

Complementary

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



83, 27.913, 137.881



74, 28.189, 319.882

Rectangle

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



83, 27.913, 137.881



83, 27.913, 187.881



83, 27.913, 317.881



83, 27.913, 7.881

Sweetspot

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



83, 27.915, 137.882



99, 8.946, 138.697



83, 19.638, 97.947



53, 5.937, 138.663



0, 0.000, 0.000



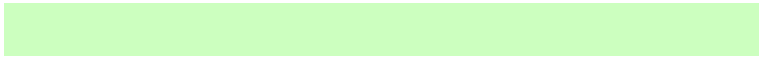
53, 0.007, 296.813

Same Dimension

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



83, 27.915, 137.882



95, 37.535, 137.644



83, 23.967, 152.681



45, 7.507, 138.523



62, 88.081, 134.661



16, 32.001, 136.509

Inverse Universe

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



74, 28.189, 319.882



84, 37.964, 320.064



75, 24.173, 335.772



43, 7.548, 319.343



35, 88.130, 320.891



5, 33.574, 321.269

Previews

White Background



This preview shows how the CIELCh color 83, 27.913, 137.881 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, 27.913, 137.881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

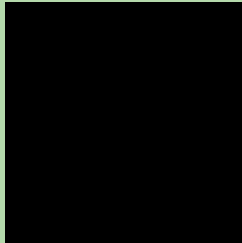
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 27.913, 137.881

Background



This preview shows how black text looks on a background with the CIELCh color 83, 27.913, 137.881.

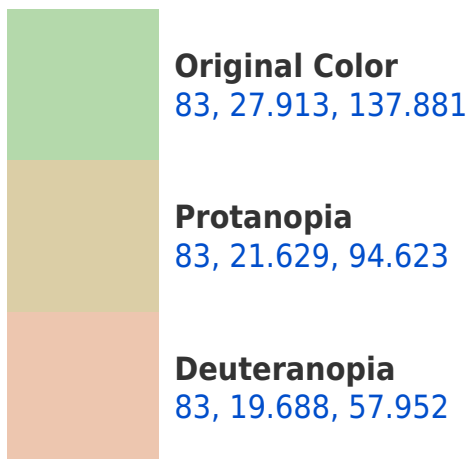


This preview shows how white text looks on a background with the CIELCh color 83, 27.913, 137.881.

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](#).

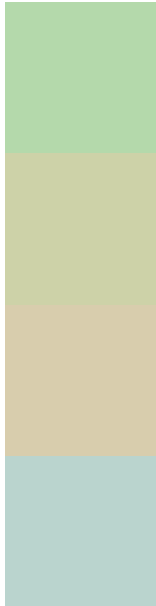
Dichromacy





Tritanopia
83, 11.144, 253.123

Trichromacy



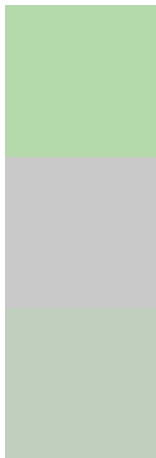
Original Color
83, 27.913, 137.881

Protanomaly
83, 22.089, 113.278

Deuteranomaly
83, 17.374, 94.431

Tritanomaly
83, 9.821, 179.866

Monochromacy



Original Color
83, 27.913, 137.881

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 10.415, 139.147

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 27.913, 137.881 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(180, 217, 171)` looks like.

```
.text, #text, p{  
    color:rgb(180, 217, 171)  
}
```

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(180, 217, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 217, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 27.913, 137.881 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(180, 217, 171) }
```

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

```
.border{ border-color:rgb(180, 217, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 217, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 217, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 217, 171);  
box-shadow:4px 4px 4px 4px rgb(180, 217,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 27.913, 137.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 217, 171) }
```

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

```
.background{ background-color: rgb(180,  
217, 171) }
```

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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