

Converting Colors

CIELCh(82, 33.515, 163.549)

Have a look what the booklet for
CIELCh(82, 33.515, 163.549)
contains.

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Color

CIELCh(82, 33.537, 163.531)

Conversions

Conversions Part 1

Format	Color
Hex	8CDCB9
RGB	140, 220, 185
RGB Percent	55%, 86%, 73%
CMY	0.4508, 0.1370, 0.2743
CMYK	0.36, 0.00, 0.16, 0.14
HSL	154°, 53%, 71%
HSV	154°, 36%, 86%
XYZ	45.1925, 60.2982, 55.1834
YIQ	192.0900, -36.4450, -27.8450

Conversions

Conversions Part 2

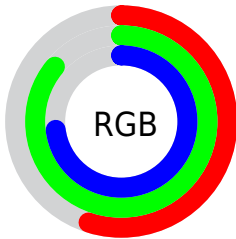
Format	Color
RYB	140, 191, 220
Decimal	9231545
CIELab	82.00, -32.16, 9.51
CIELCh	82, 33.537, 163.531
Yxy	60.2982, 0.2813, 0.3753
Android (android.graphics.Color)	4287421625 (0xFF8CDCB9)
YUV	192.0900, -3.4954, -45.6829
Hunter-Lab	77.6519, -32.0060, 12.2219

Details

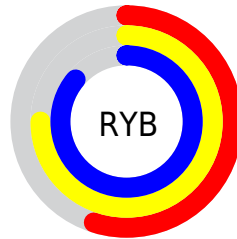
The CIELCh color **82, 33.537, 163.531** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 35.623, 350.973**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.243, 178.265**, and **62, 33.735, 163.316** is the 20% darker color. If you saturate the color by 10%, you get **81, 42.040, 162.249**, and if you desaturate by 10%, it is **83, 24.593, 164.675**.

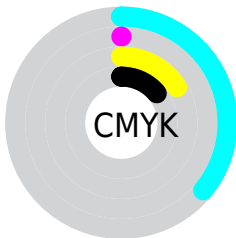
Distribution



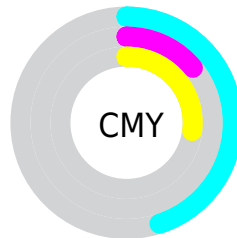
- Red (55%)
- Green (86%)
- Blue (73%)



- Red (55%)
- Yellow (75%)
- Blue (86%)



- Cyan (36%)
- Magenta (0%)
- Yellow (16%)
- Black (14%)





- Cyan (45%)
- Magenta (14%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 33.537, 163.531 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 82, 33.537, 163.531 by changing the saturation by 10% instead.


 82, 33.537,
163.531


 82, 33.537,
163.531


 100, 33.537,
163.531


 72, 33.537,
163.531

 62, 33.537,
163.531

 52, 33.537,
163.531

 42, 33.537,
163.531

 32, 33.537,
163.531

 22, 33.537,
163.531

 12, 33.537,

163.531

■ 2, 33.537, 163.531

■ 0, 33.537, 163.531

■ 82, 33.537,
163.531

■ 82, 33.537,
163.531

■ 81, 42.040,
162.249

■ 83, 24.593,
164.675

■ 80, 49.939,
160.806

■ 85, 15.360,
165.712

■ 79, 57.092,
159.177

■ 87, 5.979, 166.688

■ 78, 63.393,
157.341

■ 88, 3.433, 347.326

■ 91, 12.783,
348.207

■ 78, 68.800,

155.289

91, 17.147,
337.300

78, 73.364,
153.042

91, 20.814,
327.241

78, 74.910,
152.225

92, 21.875,
325.186

Harmonies

Complementary

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



82, 33.537, 163.531



67, 35.623, 350.973

Rectangle

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



82, 33.537, 163.531



82, 33.537, 213.531



82, 33.537, 343.531



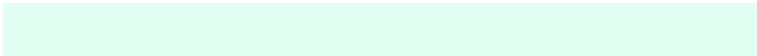
82, 33.537, 33.531

Sweetspot

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



82, 33.538, 163.530



98, 11.659, 166.226



83, 44.781, 129.113



52, 7.832, 166.094



0, 0.000, 0.000



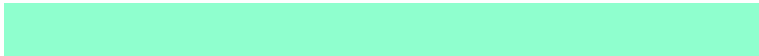
53, 0.007, 296.813

Same Dimension

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



82, 33.538, 163.530



92, 45.145, 162.516



82, 24.305, 202.801



45, 5.325, 166.386



62, 62.217, 152.629



16, 22.898, 157.372

Inverse Universe

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



67, 35.623, 350.973



73, 48.499, 352.123



67, 31.599, 26.388



43, 5.413, 347.945



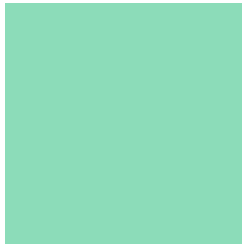
37, 63.240, 7.769



6, 24.534, 358.795

Previews

White Background



This preview shows how the CIELCh color 82, 33.537, 163.531 looks on a white background.

Color Contrast Check

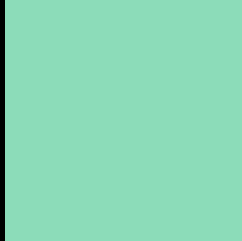
Large Text (above 18pt) WCAG AA × Fail

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 82, 33.537, 163.531 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

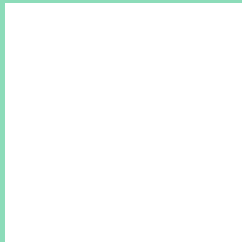
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 33.537, 163.531

Background



This preview shows how black text looks on a background with the CIELCh color 82, 33.537, 163.531.

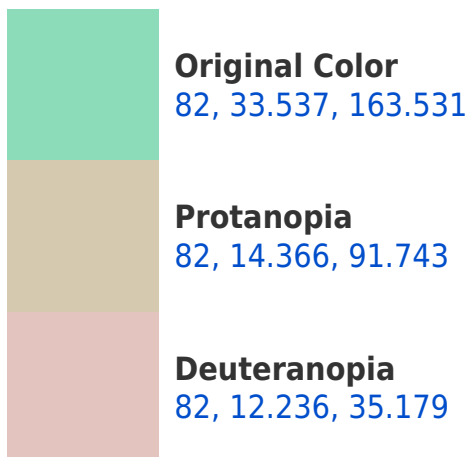


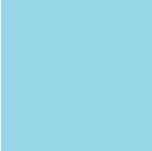
This preview shows how white text looks on a background with the CIELCh color 82, 33.537, 163.531.

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
82, 21.885, 222.640

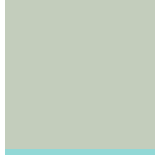
Trichromacy



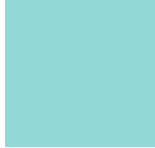
Original Color
82, 33.537, 163.531



Protanomaly
81, 18.088, 137.152



Deuteranomaly
81, 9.760, 131.758



Tritanomaly
82, 23.017, 195.138

Monochromacy



Original Color
82, 33.537, 163.531



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 12.683, 165.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 33.537, 163.531 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(140, 220, 185)` looks like.

```
.text, #text, p{  
    color:rgb(140, 220, 185)  
}
```

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(140, 220, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 220, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 33.537, 163.531 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(140, 220, 185) }
```

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

```
.border{ border-color:rgb(140, 220, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 220, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 220, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 220, 185);  
box-shadow:4px 4px 4px 4px rgb(140, 220,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 33.537, 163.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 220, 185) }
```

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

```
.background{ background-color: rgb(140,  
220, 185) }
```

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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