

Converting Colors

CIELCh(82, 28.642, 155.871)

Have a look what the booklet for
CIELCh(82, 28.642, 155.871)
contains.

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Color

CIELCh(82, 28.665, 155.859)

Conversions

Conversions Part 1

Format	Color
Hex	9ED9B5
RGB	158, 217, 181
RGB Percent	62%, 85%, 71%
CMY	0.3800, 0.1486, 0.2898
CMYK	0.27, 0.00, 0.17, 0.15
HSL	143°, 44%, 74%
HSV	143°, 27%, 85%
XYZ	47.3103, 60.2982, 52.9146
YIQ	195.2550, -23.6080, -23.7040

Conversions

Conversions Part 2

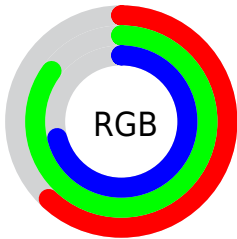
Format	Color
RYB	158, 200, 217
Decimal	10410421
CIELab	82.00, -26.16, 11.72
CIELCh	82, 28.665, 155.859
Yxy	60.2982, 0.2947, 0.3756
Android (android.graphics.Color)	4288600501 (0xFF9ED9B5)
YUV	195.2550, -7.0277, -32.6726
Hunter-Lab	77.6519, -27.1378, 13.9541

Details

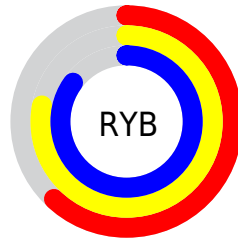
The CIELCh color **82, 28.665, 155.859** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **72, 29.199, 340.335**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.036, 165.640**, and **62, 28.806, 155.695** is the 20% darker color. If you saturate the color by 10%, you get **81, 38.964, 154.780**, and if you desaturate by 10%, it is **84, 18.148, 156.809**.

Distribution



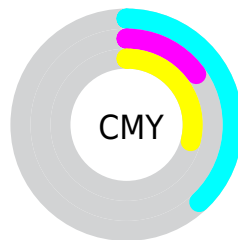
- Red (62%)
- Green (85%)
- Blue (71%)



- Red (62%)
- Yellow (78%)
- Blue (85%)



- Cyan (27%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)





- Cyan (38%)
- Magenta (15%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 28.665, 155.859 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, 28.665, 155.859 by changing the saturation by 10% instead.


 82, 28.665,
155.859


 82, 28.665,
155.859


 100, 28.665,
155.859


 72, 28.665,
155.859

 62, 28.665,
155.859

 52, 28.665,
155.859

 42, 28.665,
155.859

 32, 28.665,
155.859

 22, 28.665,
155.859

 12, 28.665,

155.859

■ 2, 28.665, 155.859

■ 0, 28.665, 155.859

■ 82, 28.665,
155.859

■ 82, 28.665,
155.859

■ 81, 38.964,
154.780

■ 84, 18.148,
156.809

■ 79, 48.863,
153.547

■ 85, 7.562, 157.671

■ 78, 58.175,
152.138

■ 87, 2.967, 338.226

■ 78, 66.717,
150.532

■ 89, 13.346,
338.990

■ 77, 74.341,

■ 91, 20.637,
331.527

148.723

91, 23.732,
325.251

77, 80.957,
146.722

76, 86.570,
144.584

76, 88.035,
144.003

Harmonies

Complementary

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



82, 28.665, 155.859



72, 29.199, 340.335

Rectangle

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



82, 28.665, 155.859



82, 28.665, 205.859



82, 28.665, 335.859



82, 28.665, 25.859

Sweetspot

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



82, 28.667, 155.858



98, 9.607, 157.595



84, 31.935, 123.491



52, 6.832, 157.466



0, 0.000, 0.000



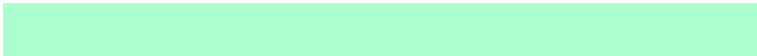
53, 0.007, 296.813

Same Dimension

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



82, 28.667, 155.858



94, 39.529, 155.215



83, 20.375, 187.620



45, 6.036, 157.479



62, 73.853, 144.362



15, 26.851, 149.046

Inverse Universe

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



72, 29.199, 340.335



79, 40.385, 340.909



71, 23.490, 12.568



43, 6.083, 338.826



38, 65.809, 351.869



6, 26.493, 346.766

Previews

White Background



This preview shows how the CIELCh color 82, 28.665, 155.859 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, 28.665, 155.859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

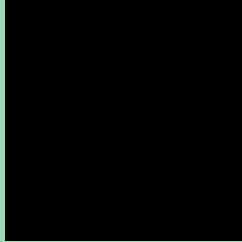
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 28.665, 155.859

Background



This preview shows how black text looks on a background with the CIELCh color 82, 28.665, 155.859.

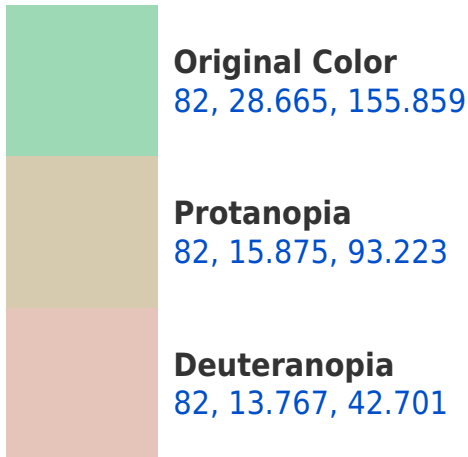


This preview shows how white text looks on a background with the CIELCh color 82, 28.665, 155.859.

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, 16.555, 229.535

Trichromacy



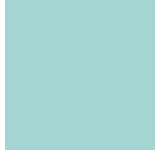
Original Color
82, 28.665, 155.859



Protanomaly
82, 17.203, 126.669



Deuteranomaly
81, 10.568, 111.280

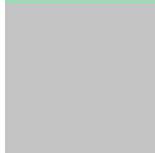


Tritanomaly
82, 16.847, 192.772

Monochromacy



Original Color
82, 28.665, 155.859



Achromatopsia
79, 0.010, 296.813



Achromatomaly
80, 10.402, 157.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 28.665, 155.859 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(158, 217, 181)` looks like.

```
.text, #text, p{  
    color:rgb(158, 217, 181)  
}
```

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(158, 217, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 217, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 28.665, 155.859 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(158, 217, 181) }
```

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

```
.border{ border-color:rgb(158, 217, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 217, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 217, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 217, 181);  
box-shadow:4px 4px 4px 4px rgb(158, 217,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 28.665, 155.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 217, 181) }
```

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

```
.background{ background-color: rgb(158,  
217, 181) }
```

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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