

Converting Colors

CIELCh(82, 49.748, 136.258)

Have a look what the booklet for
CIELCh(82, 49.748, 136.258)
contains.

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Color

CIELCh(82, 50.324, 136.313)

Conversions

Conversions Part 1

Format	Color
Hex	9BDD89
RGB	155, 221, 137
RGB Percent	61%, 87%, 54%
CMY	0.3933, 0.1345, 0.4638
CMYK	0.30, 0.00, 0.38, 0.13
HSL	107°, 55%, 70%
HSV	107°, 38%, 87%
XYZ	43.7390, 60.2982, 32.8991
YIQ	191.6900, -12.3720, -40.1160

Conversions

Conversions Part 2

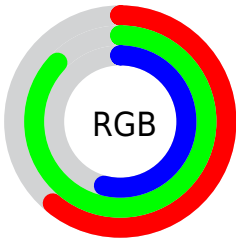
Format	Color
RYB	137, 221, 203
Decimal	10214793
CIELab	82.00, -36.39, 34.76
CIElCh	82, 50.324, 136.313
Yxy	60.2982, 0.3194, 0.4403
Android (android.graphics.Color)	4288404873 (0xFF9BDD89)
YUV	191.6900, -26.9622, -32.1771
Hunter-Lab	77.6519, -35.3471, 29.2367

Details

The CIELCh color **82, 50.324, 136.313** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **66, 51.245, 320.045**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 36.361, 134.163**, and **62, 49.951, 136.357** is the 20% darker color. If you saturate the color by 10%, you get **81, 62.969, 135.653**, and if you desaturate by 10%, it is **83, 37.235, 136.944**.

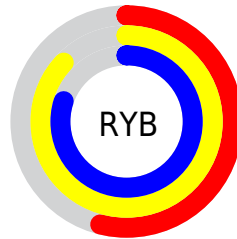
Distribution



Red (61%)

Green (87%)

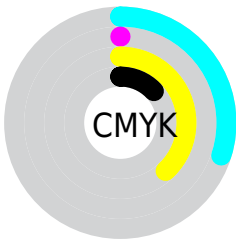
Blue (54%)



Red (54%)

Yellow (87%)

Blue (80%)

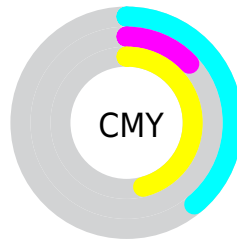


Cyan (30%)

Magenta (0%)

Yellow (38%)

Black (13%)



Cyan (39%)


Magenta (13%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 50.324, 136.313 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, 50.324, 136.313 by changing the saturation by 10% instead.


 82, 50.324,
136.313


 82, 50.324,
136.313


 100, 50.324,
136.313


 72, 50.324,
136.313

 62, 50.324,
136.313

 52, 50.324,
136.313

 42, 50.324,
136.313

 32, 50.324,
136.313

 22, 50.324,
136.313

 12, 50.324,

136.313

■ 2, 50.324, 136.313

■ 0, 50.324, 136.313

■ 82, 50.324,
136.313

■ 82, 50.324,
136.313

■ 81, 62.969,
135.653

■ 83, 37.235,
136.944

■ 80, 74.829,
135.008

■ 85, 23.943,
137.521

■ 79, 85.459,
134.459

■ 87, 10.631,
138.043


■ 78, 94.310,
134.124


■ 88, 2.572, 318.383


■ 78, 100.821,

■ 90, 15.573,
318.841

134.130

 92, 21.461,
325.171

 77, 104.762,
134.521

 77, 105.365,
134.592

Harmonies

Complementary

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



82, 50.324, 136.313



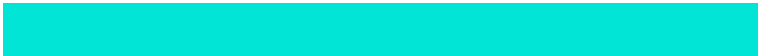
66, 51.245, 320.045

Rectangle

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



82, 50.324, 136.313



82, 50.324, 186.313



82, 50.324, 316.313



82, 50.324, 6.313

Sweetspot

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



82, 50.326, 136.314



98, 16.361, 137.889



82, 35.267, 94.816



52, 11.001, 137.819



0, 0.000, 0.000



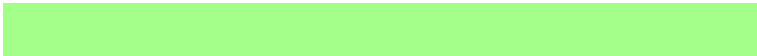
53, 0.007, 296.813

Same Dimension

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



82, 50.326, 136.314



92, 67.910, 135.764



82, 43.903, 150.367



45, 7.465, 137.973



62, 87.819, 134.432



16, 31.854, 136.152

Inverse Universe

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



66, 51.245, 320.045



71, 69.334, 320.365



67, 44.326, 336.398



43, 7.509, 318.781



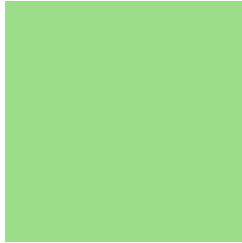
35, 88.371, 320.245



5, 33.447, 320.583

Previews

White Background



This preview shows how the CIELCh color 82, 50.324, 136.313 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, 50.324, 136.313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

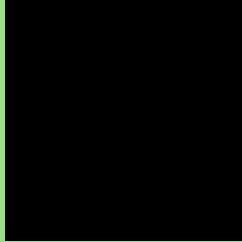
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 50.324, 136.313

Background



This preview shows how black text looks on a background with the CIELCh color 82, 50.324, 136.313.

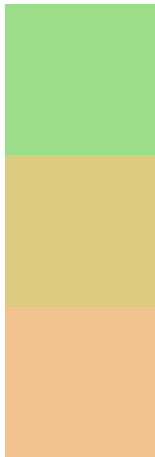


This preview shows how white text looks on a background with the CIELCh color 82, 50.324, 136.313.

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](#).

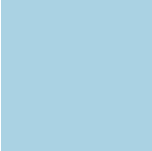
Dichromacy



Original Color
82, 50.324, 136.313

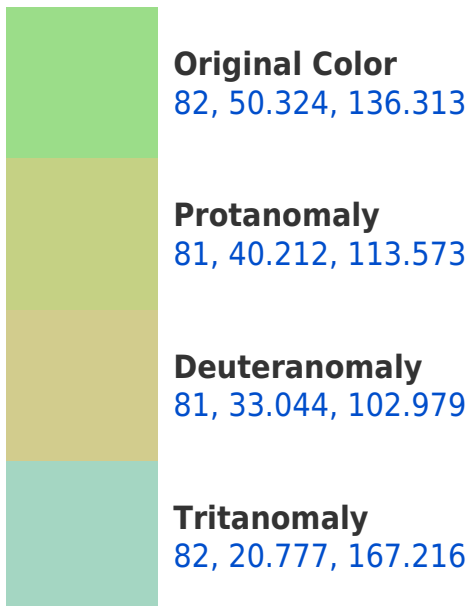
Protanopia
82, 38.837, 95.661

Deuteranopia
82, 33.835, 71.803

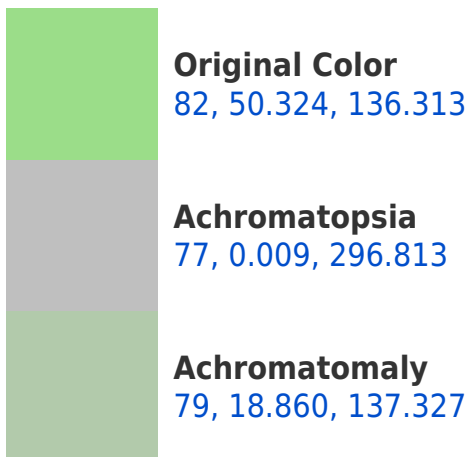


Tritanopia
82, 15.775, 233.678

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 50.324, 136.313 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(155, 221, 137)` looks like.

```
.text, #text, p{  
    color:rgb(155, 221, 137)  
}
```

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(155, 221, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 221, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 50.324, 136.313 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(155, 221, 137) }
```

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

```
.border{ border-color:rgb(155, 221, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 221, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 221, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 221, 137); box-shadow:4px 4px 4px 4px rgb(155, 221, 137) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 50.324, 136.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 221, 137) }
```

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

```
.background{ background-color: rgb(155,  
221, 137) }
```

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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