

Converting Colors

CIELCh(82, 32.100, 132.858)

Have a look what the booklet for
CIELCh(82, 32.100, 132.858)
contains.

CIELCh(82, 31.820, 132.521)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(82, 31.820, 132.521)

Conversions

Conversions Part 1

Format	Color
Hex	B3D69F
RGB	179, 214, 159
RGB Percent	70%, 84%, 62%
CMY	0.2973, 0.1601, 0.3758
CMYK	0.16, 0.00, 0.26, 0.16
HSL	98°, 40%, 73%
HSV	98°, 26%, 84%
XYZ	48.9962, 60.2982, 41.9351
YIQ	197.2650, -3.2050, -24.5250

Conversions

Conversions Part 2

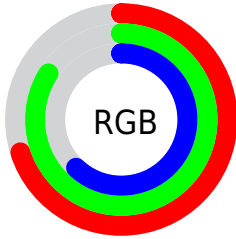
Format	Color
RYB	159, 214, 194
Decimal	11785887
CIELab	82.00, -21.51, 23.45
CIELCh	82, 31.820, 132.521
Yxy	60.2982, 0.3240, 0.3987
Android (android.graphics.Color)	4289975967 (0xFFB3D69F)
YUV	197.2650, -18.8646, -16.0184
Hunter-Lab	77.6519, -23.2623, 22.3374

Details

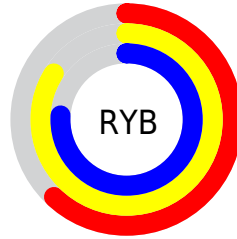
The CIELCh color **82, 31.820, 132.521** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **70, 32.604, 314.790**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 22.077, 127.908**, and **62, 31.731, 132.143** is the 20% darker color. If you saturate the color by 10%, you get **81, 44.082, 132.010**, and if you desaturate by 10%, it is **83, 19.421, 133.012**.

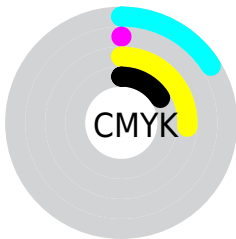
Distribution



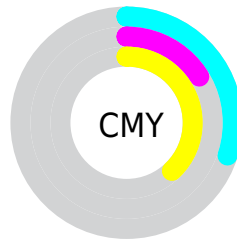
- Red (70%)
- Green (84%)
- Blue (62%)



- Red (62%)
- Yellow (84%)
- Blue (76%)



- Cyan (16%)
- Magenta (0%)
- Yellow (26%)
- Black (16%)





- Cyan (30%)
- Magenta (16%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 31.820, 132.521 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, 31.820, 132.521 by changing the saturation by 10% instead.


 82, 31.820,
132.521


 82, 31.820,
132.521


 100, 31.820,
132.521


 72, 31.820,
132.521

 62, 31.820,
132.521

 52, 31.820,
132.521

 42, 31.820,
132.521

 32, 31.820,
132.521

 22, 31.820,
132.521

 12, 31.820,

132.521

■ 2, 31.820, 132.521

■ 0, 31.820, 132.521

■ 82, 31.820,
132.521

■ 82, 31.820,
132.521

■ 81, 44.082,
132.010

■ 83, 19.421,
133.012

■ 80, 56.014,
131.500

■ 85, 7.011, 133.475

■ 79, 67.353,
131.040

■ 86, 5.313, 313.822

■ 78, 77.733,
130.707

■ 88, 17.485,
314.203

■ 77, 86.671,

■ 90, 24.231,
319.883

130.610

90, 25.572,
325.315

77, 93.633,
130.882

76, 98.251,
131.613

76, 99.751,
131.985

Harmonies

Complementary

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



82, 31.820, 132.521



70, 32.604, 314.790

Rectangle

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



82, 31.820, 132.521



82, 31.820, 182.521



82, 31.820, 312.521



82, 31.820, 2.521

Sweetspot

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



82, 31.822, 132.522



99, 11.382, 133.364



79, 20.212, 85.037



52, 8.095, 133.295



0, 0.000, 0.000



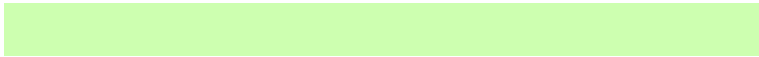
53, 0.007, 296.813

Same Dimension

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



82, 31.822, 132.522



95, 44.195, 132.236



81, 32.487, 146.490



44, 7.014, 133.303



62, 84.067, 131.761



15, 28.991, 133.302

Inverse Universe

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



70, 32.604, 314.790



79, 45.530, 315.044



72, 32.556, 329.839



42, 7.083, 314.062



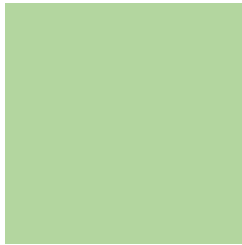
30, 89.767, 315.495



4, 30.081, 314.098

Previews

White Background



This preview shows how the CIELCh color 82, 31.820, 132.521 looks on a white background.

Color Contrast Check

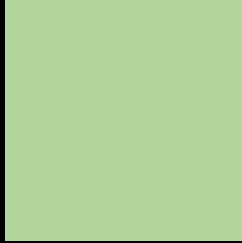
Large Text (above 18pt) WCAG AA × Fail

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, 31.820, 132.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

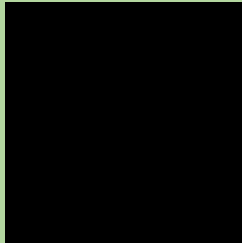
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 31.820, 132.521

Background



This preview shows how black text looks on a background with the CIELCh color 82, 31.820, 132.521.

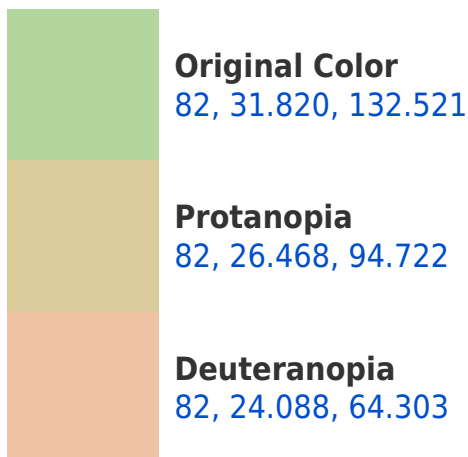


This preview shows how white text looks on a background with the CIELCh color 82, 31.820, 132.521.

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](#).

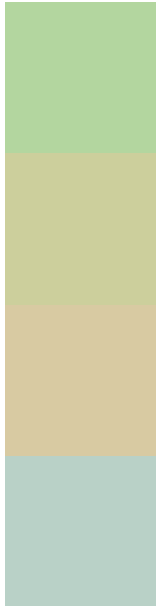
Dichromacy





Tritanopia
82, 10.182, 255.806

Trichromacy



Original Color
82, 31.820, 132.521

Protanomaly
82, 26.745, 110.338

Deuteranomaly
82, 21.809, 93.553

Tritanomaly
82, 10.206, 167.420

Monochromacy



Original Color
82, 31.820, 132.521

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 11.546, 132.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 31.820, 132.521 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(179, 214, 159)` looks like.

```
.text, #text, p{  
    color:rgb(179, 214, 159)  
}
```

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(179, 214, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 214, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 31.820, 132.521 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(179, 214, 159) }
```

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

```
.border{ border-color:rgb(179, 214, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 214, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 214, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 214, 159);  
box-shadow:4px 4px 4px 4px rgb(179, 214,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 31.820, 132.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 214, 159) }
```

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

```
.background{ background-color: rgb(179,  
214, 159) }
```

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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