

Converting Colors

CIELCh(82, 30.052, 149.934)

Have a look what the booklet for
CIELCh(82, 30.052, 149.934)
contains.

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Color

CIELCh(82, 30.052, 149.934)

Conversions

Conversions Part 1

Format	Color
Hex	A2D9AF
RGB	162, 217, 175
RGB Percent	64%, 85%, 69%
CMY	0.3653, 0.1496, 0.3143
CMYK	0.25, 0.00, 0.19, 0.15
HSL	134°, 42%, 74%
HSV	134°, 25%, 85%
XYZ	47.3638, 60.2982, 49.6211
YIQ	195.7670, -19.2980, -24.7220

Conversions

Conversions Part 2

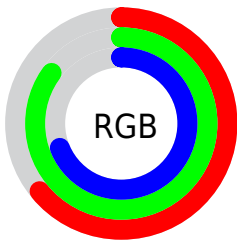
Format	Color
R _{YB}	162, 206, 217
Decimal	10672559
CIE _{Lab}	82.00, -26.01, 15.06
CIE _{LCh}	82, 30.052, 149.934
Y _{xy}	60.2982, 0.3011, 0.3834
Android (android.graphics.Color)	4288862639 (0xFFA2D9AF)
YUV	195.7670, -10.2381, -29.6137
Hunter-Lab	77.6519, -27.0146, 16.4688

Details

The CIELCh color $82, 30.052, 149.934$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $73, 30.233, 333.511$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 17.973, 155.349$, and $62, 30.321, 149.613$ is the 20% darker color. If you saturate the color by 10%, you get $81, 41.761, 148.960$, and if you desaturate by 10%, it is $84, 18.180, 150.779$.

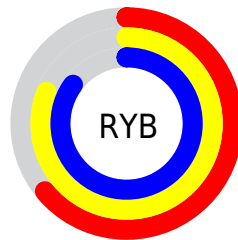
Distribution



Red (64%)

Green (85%)

Blue (69%)



Red (64%)

Yellow (81%)

Blue (85%)

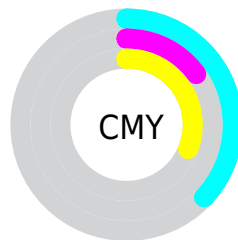


Cyan (25%)

Magenta (0%)

Yellow (19%)

Black (15%)



Cyan (37%)


Magenta (15%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 30.052, 149.934 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, 30.052, 149.934 by changing the saturation by 10% instead.


 82, 30.052,
149.934


 82, 30.052,
149.934


 100, 30.052,
149.934


 72, 30.052,
149.934

 62, 30.052,
149.934

 52, 30.052,
149.934

 42, 30.052,
149.934

 32, 30.052,
149.934

 22, 30.052,
149.934

 12, 30.052,

149.934

■ 2, 30.052, 149.934

■ 0, 30.052, 149.934

■ 82, 30.052,
149.934

■ 82, 30.052,
149.934

■ 81, 41.761,
148.960

■ 84, 18.180,
150.779

■ 79, 53.094,
147.836

■ 86, 6.309, 151.539

■ 78, 63.817,
146.545

■ 88, 5.427, 332.052

■ 77, 73.679,
145.081

■ 90, 16.934,
332.644

■ 77, 82.439,

■ 91, 23.897,
325.257

143.459

■ 76, 89.888,
141.720

■ 76, 95.870,
139.951

■ 76, 98.187,
139.201

Harmonies

Complementary

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



82, 30.052, 149.934



73, 30.233, 333.511

Rectangle

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



82, 30.052, 149.934



82, 30.052, 199.934



82, 30.052, 329.934



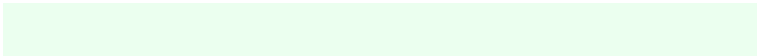
82, 30.052, 19.934

Sweetspot

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



82, 30.054, 149.934



98, 10.757, 151.334



84, 29.028, 117.632



52, 7.652, 151.221



0, 0.000, 0.000



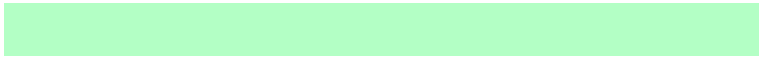
53, 0.007, 296.813

Same Dimension

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



82, 30.054, 149.934



94, 40.503, 149.473



83, 20.721, 175.881



45, 6.760, 151.232



62, 82.554, 139.483



15, 29.831, 144.542

Inverse Universe

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



73, 30.233, 333.511



82, 40.756, 333.864



72, 22.533, 1.030



43, 6.786, 332.410



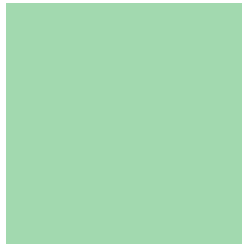
39, 72.231, 340.385



6, 29.265, 337.835

Previews

White Background



This preview shows how the CIELCh color 82, 30.052, 149.934 looks on a white background.

Color Contrast Check

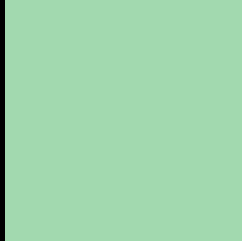
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 82, 30.052, 149.934 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

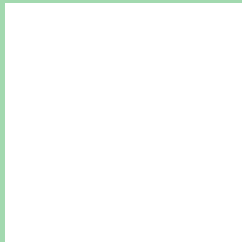
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 30.052, 149.934

Background



This preview shows how black text looks on a background with the CIELCh color 82, 30.052, 149.934.

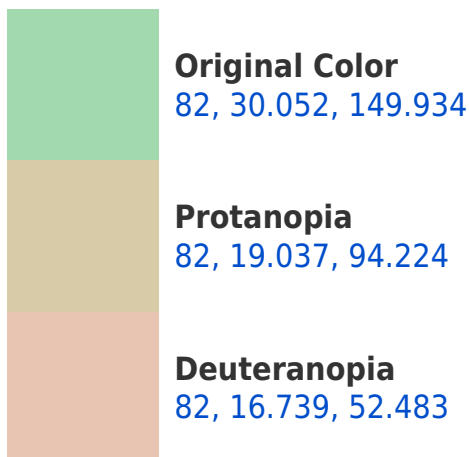


This preview shows how white text looks on a background with the CIELCh color 82, 30.052, 149.934.

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, 15.522, 234.347

Trichromacy



Original Color
82, 30.052, 149.934

Protanomaly
82, 20.525, 121.371

Deuteranomaly
82, 14.256, 105.823

Tritanomaly
82, 15.382, 190.356

Monochromacy



Original Color
82, 30.052, 149.934

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 11.307, 149.918

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 30.052, 149.934 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(162, 217, 175)` looks like.

```
.text, #text, p{  
    color:rgb(162, 217, 175)  
}
```

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(162, 217, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 217, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 30.052, 149.934 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(162, 217, 175) }
```

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

```
.border{ border-color:rgb(162, 217, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 217, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 217, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 217, 175);  
box-shadow:4px 4px 4px 4px rgb(162, 217,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 30.052, 149.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 217, 175) }
```

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

```
.background{ background-color: rgb(162,  
217, 175) }
```

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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