

Converting Colors

CIELCh(82, 39.721, 143.767)

Have a look what the booklet for
CIELCh(82, 39.721, 143.767)
contains.

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Color

CIELCh(82, 39.539, 144.092)

Conversions

Conversions Part 1

Format	Color
Hex	9BDB9F
RGB	155, 219, 159
RGB Percent	61%, 86%, 62%
CMY	0.3912, 0.1402, 0.3755
CMYK	0.29, 0.00, 0.27, 0.14
HSL	124°, 47%, 73%
HSV	124°, 29%, 86%
XYZ	45.2398, 60.2982, 42.1631
YIQ	193.0240, -18.8840, -32.2280

Conversions

Conversions Part 2

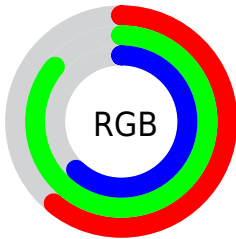
Format	Color
RYB	155, 215, 219
Decimal	10214303
CIELab	82.00, -32.02, 23.19
CIELCh	82, 39.539, 144.092
Yxy	60.2982, 0.3063, 0.4082
Android (android.graphics.Color)	4288404383 (0xFF9BDB9F)
YUV	193.0240, -16.7738, -33.3470
Hunter-Lab	77.6519, -31.8973, 22.1633

Details

The CIELCh color $82, 39.539, 144.092$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $72, 39.557, 327.812$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 26.295, 145.218$, and $62, 39.765, 143.864$ is the 20% darker color. If you saturate the color by 10%, you get $81, 52.785, 143.136$, and if you desaturate by 10%, it is $84, 25.997, 144.918$.

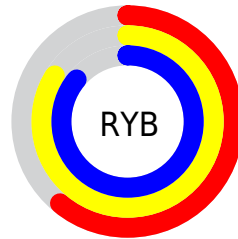
Distribution



Red (61%)

Green (86%)

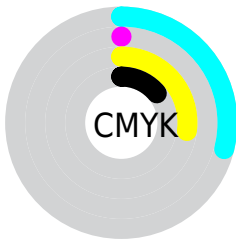
Blue (62%)



Red (61%)

Yellow (84%)

Blue (86%)

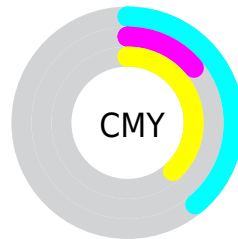


Cyan (29%)

Magenta (0%)

Yellow (27%)

Black (14%)



Cyan (39%)


Magenta (14%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 39.539, 144.092 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, 39.539, 144.092 by changing the saturation by 10% instead.


 82, 39.539,
144.092


 82, 39.539,
144.092


 100, 39.539,
144.092


 72, 39.539,
144.092

 62, 39.539,
144.092

 52, 39.539,
144.092

 42, 39.539,
144.092

 32, 39.539,
144.092

 22, 39.539,
144.092

 12, 39.539,

144.092

■ 2, 39.539, 144.092

■ 0, 39.539, 144.092

■ 82, 39.539,
144.092

■ 82, 39.539,
144.092

■ 81, 52.785,
143.136

■ 84, 25.997,
144.918

■ 79, 65.427,
142.048

■ 86, 12.394,
145.633

■ 78, 77.100,
140.844

■ 88, 1.086, 325.938

■ 78, 87.380,
139.573

■ 90, 14.315,
326.694

■ 77, 95.809,

■ 91, 22.379,
325.203

138.327

■ 77, 101.950,
137.238

■ 77, 105.585,
136.470

■ 77, 105.784,
136.435

Harmonies

Complementary

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



82, 39.539, 144.092



72, 39.557, 327.812

Rectangle

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



82, 39.539, 144.092



82, 39.539, 194.092



82, 39.539, 324.092



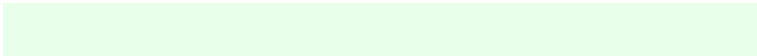
82, 39.539, 14.092

Sweetspot

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



82, 39.541, 144.092



98, 13.711, 145.641



86, 33.101, 109.546



52, 9.537, 145.542



0, 0.000, 0.000



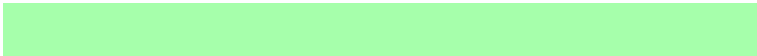
53, 0.007, 296.813

Same Dimension

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



82, 39.541, 144.092



93, 53.436, 143.525



83, 27.352, 163.655



45, 7.654, 145.617



62, 88.524, 136.560



15, 32.675, 141.261

Inverse Universe

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



72, 39.557, 327.812



79, 53.401, 328.154



71, 28.641, 349.299



43, 7.668, 326.672



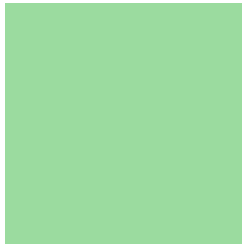
41, 82.433, 330.869



7, 33.087, 330.318

Previews

White Background



This preview shows how the CIELCh color 82, 39.539, 144.092 looks on a white background.

Color Contrast Check

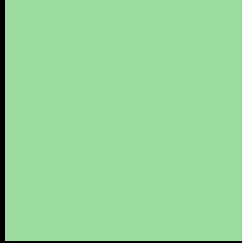
Large Text (above 18pt) WCAG AA × Fail

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, 39.539, 144.092 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, 39.539, 144.092

Background



This preview shows how black text looks on a background with the CIELCh color 82, 39.539, 144.092.

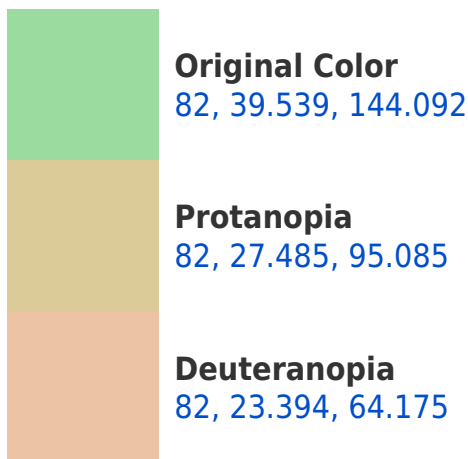


This preview shows how white text looks on a background with the CIELCh color 82, 39.539, 144.092.

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



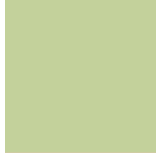


Tritanopia
82, 16.283, 232.409

Trichromacy



Original Color
82, 39.539, 144.092



Protanomaly
82, 28.801, 118.664



Deuteranomaly
81, 22.126, 105.140

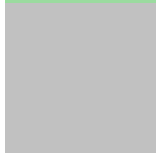


Tritanomaly
82, 18.432, 179.569

Monochromacy



Original Color
82, 39.539, 144.092



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 14.777, 146.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 39.539, 144.092 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, 219, 159)` looks like.

```
.text, #text, p{  
    color:rgb(155, 219, 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(155, 219, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 219, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 39.539, 144.092 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, 219, 159) }
```

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

```
.border{ border-color:rgb(155, 219, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 219, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 219, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 219, 159); box-shadow:4px 4px 4px 4px rgb(155, 219, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 39.539, 144.092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 219, 159) }
```

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

```
.background{ background-color: rgb(155,  
219, 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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