

Converting Colors

CIELCh(89, 34.958, 142.916)

Have a look what the booklet for
CIELCh(89, 34.958, 142.916)
contains.

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Color

CIELCh(89, 34.961, 142.902)

Conversions

Conversions Part 1

Format	Color
Hex	B6EDB6
RGB	182, 237, 182
RGB Percent	71%, 93%, 71%
CMY	0.2849, 0.0691, 0.2849
CMYK	0.23, 0.00, 0.23, 0.07
HSL	120°, 61%, 82%
HSV	120°, 23%, 93%
XYZ	58.2477, 74.1641, 55.6924
YIQ	214.2850, -15.1250, -28.7650

Conversions

Conversions Part 2

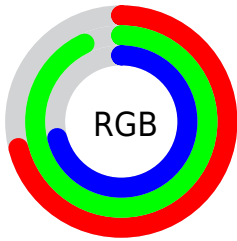
Format	Color
RYB	182, 237, 237
Decimal	11988406
CIELab	89.00, -27.89, 21.09
CIElCh	89, 34.961, 142.902
Yxy	74.1641, 0.3097, 0.3943
Android (android.graphics.Color)	4290178486 (0xFFB6EDB6)
YUV	214.2850, -15.9165, -28.3139
Hunter-Lab	86.1186, -29.9762, 21.9405

Details

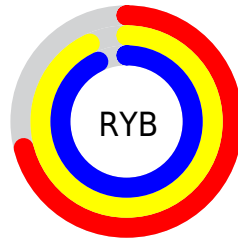
The CIELCh color **89, 34.961, 142.902** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 34.979, 325.705**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.380, 142.528**, and **69, 34.962, 142.930** is the 20% darker color. If you saturate the color by 10%, you get **87, 49.918, 142.038**, and if you desaturate by 10%, it is **91, 19.823, 143.648**.

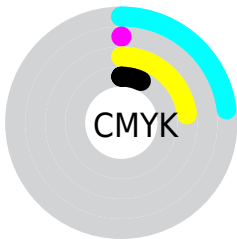
Distribution



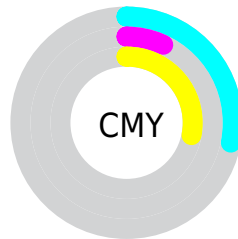
- Red (71%)
- Green (93%)
- Blue (71%)



- Red (71%)
- Yellow (93%)
- Blue (93%)



- Cyan (23%)
- Magenta (0%)
- Yellow (23%)
- Black (7%)



- Cyan (28%)
- Magenta (7%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 34.961, 142.902 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 89, 34.961, 142.902 by changing the saturation by 10% instead.

 89, 34.961,
142.902


 89, 34.961,
142.902


 100, 34.961,
142.902


 79, 34.961,
142.902

 69, 34.961,
142.902

 59, 34.961,
142.902

 49, 34.961,
142.902

 39, 34.961,
142.902


 29, 34.961,
142.902


 19, 34.961,


142.902


 9, 34.961, 142.902


 0, 34.961, 142.902

 89, 34.961,
142.902


 89, 34.961,
142.902


 87, 49.918,
142.038

 91, 19.823,
143.648


 86, 64.367,
141.050


 93, 4.742, 144.323

 85, 77.896,
139.957


 96, 10.107,
324.762


 84, 89.998,
138.812


 96, 10.993,
324.796

 83, 100.080,

137.712

 83, 107.531,
136.803

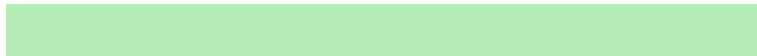
 82, 111.928,
136.225

 82, 113.459,
136.016

Harmonies

Complementary

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



89, 34.961, 142.902



81, 34.979, 325.705

Rectangle

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



89, 34.961, 142.902



89, 34.961, 192.902



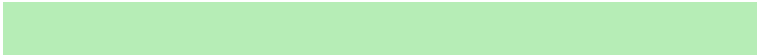
89, 34.961, 322.902



89, 34.961, 12.902

Sweetspot

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



89, 34.963, 142.902



98, 11.113, 144.060



92, 27.659, 107.222



52, 7.224, 144.020



0, 0.000, 0.000



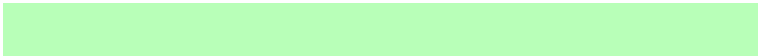
53, 0.007, 296.813

Same Dimension

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



89, 34.963, 142.902



94, 44.736, 142.492



90, 24.487, 160.710



49, 8.595, 143.898



65, 93.587, 136.016



19, 39.680, 137.800

Inverse Universe

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



81, 34.979, 325.705



83, 44.737, 325.972



80, 25.151, 344.805



47, 8.608, 324.941



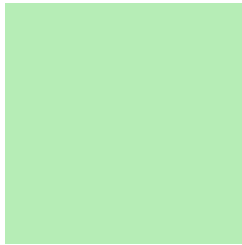
44, 90.297, 328.230



10, 39.418, 328.230

Previews

White Background



This preview shows how the CIELCh color 89, 34.961, 142.902 looks on a white background.

Color Contrast Check

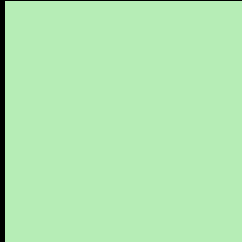
Large Text (above 18pt) WCAG AA × Fail

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 89, 34.961, 142.902 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 89, 34.961, 142.902

Background



This preview shows how black text looks on a background with the CIELCh color 89, 34.961, 142.902.

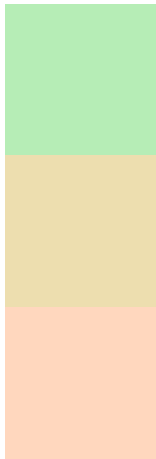


This preview shows how white text looks on a background with the CIELCh color 89, 34.961, 142.902.

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
89, 34.961, 142.902

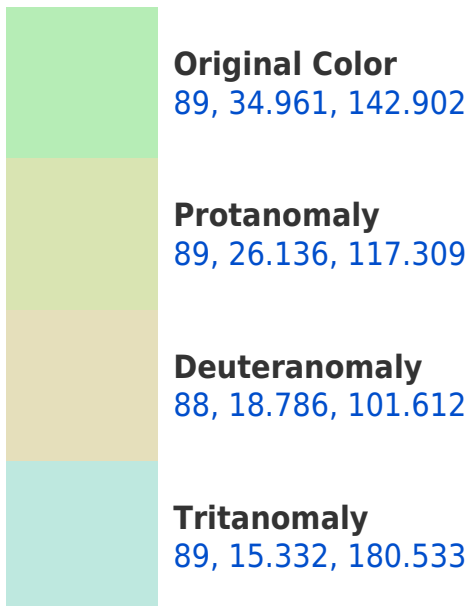
Protanopia
89, 25.032, 94.592

Deuteranopia
89, 20.334, 59.547

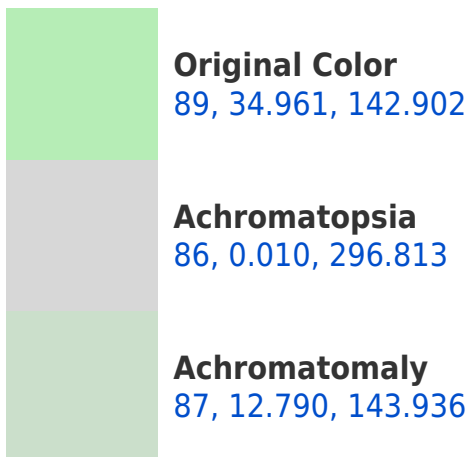


Tritanopia
89, 14.656, 238.790

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 34.961, 142.902 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(182, 237, 182)` looks like.

```
.text, #text, p{  
    color:rgb(182, 237, 182)  
}
```

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(182, 237, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 237, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 34.961, 142.902 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(182, 237, 182) }
```

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

```
.border{ border-color:rgb(182, 237, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 237, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 237, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 237, 182); box-shadow:4px 4px 4px 4px rgb(182, 237, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 34.961, 142.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 237, 182) }
```

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

```
.background{ background-color: rgb(182,  
237, 182) }
```

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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