

Converting Colors

CIELCh(93, 36.485, 138.488)

Have a look what the booklet for
CIELCh(93, 36.485, 138.488)
contains.

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Color

CIELCh(93, 36.279, 138.101)

Conversions

Conversions Part 1

Format	Color
Hex	C6F8BB
RGB	198, 248, 187
RGB Percent	78%, 97%, 73%
CMY	0.2224, 0.0262, 0.2655
CMYK	0.20, 0.00, 0.25, 0.03
HSL	109°, 82%, 85%
HSV	109°, 25%, 97%
XYZ	66.0272, 82.9670, 59.7093
YIQ	226.0960, -10.2190, -29.5710

Conversions

Conversions Part 2

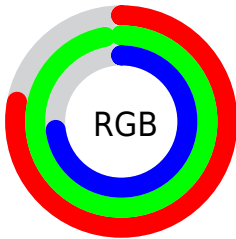
Format	Color
RYB	187, 248, 237
Decimal	13039803
CIELab	93.00, -27.00, 24.23
CIElCh	93, 36.279, 138.101
Yxy	82.9670, 0.3164, 0.3975
Android (android.graphics.Color)	4291229883 (0xFFC6F8BB)
YUV	226.0960, -19.2743, -24.6402
Hunter-Lab	91.0862, -30.0087, 24.8943

Details

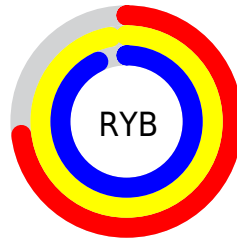
The CIELCh color **93, 36.279, 138.101** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 36.653, 320.507**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.073, 109.711**, and **73, 36.300, 137.981** is the 20% darker color. If you saturate the color by 10%, you get **91, 50.935, 137.450**, and if you desaturate by 10%, it is **95, 21.471, 138.688**.

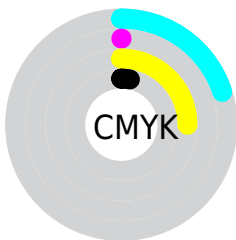
Distribution



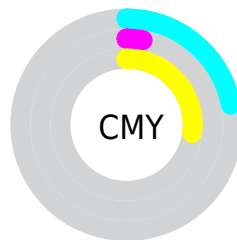
- Red (78%)
- Green (97%)
- Blue (73%)



- Red (73%)
- Yellow (97%)
- Blue (93%)



- Cyan (20%)
- Magenta (0%)
- Yellow (25%)
- Black (3%)





- Cyan (22%)
- Magenta (3%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 36.279, 138.101 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 93, 36.279, 138.101 by changing the saturation by 10% instead.


 93, 36.279,
138.101


 93, 36.279,
138.101


 100, 36.279,
138.101


 83, 36.279,
138.101

 73, 36.279,
138.101

 63, 36.279,
138.101

 53, 36.279,
138.101

 43, 36.279,
138.101

 33, 36.279,
138.101

 23, 36.279,

138.101

■ 13, 36.279,
138.101

■ 3, 36.279, 138.101

■ 93, 36.279,
138.101

■ 93, 36.279,
138.101

■ 91, 50.935,
137.450

■ 95, 21.471,
138.688

■ 90, 65.173,
136.747

■ 97, 6.697, 139.223

■ 89, 78.642,
136.028

■ 98, 4.166, 324.513

■ 88, 90.871,
135.362

■ 87, 101.268,
134.856

■ 87, 109.187,
134.646

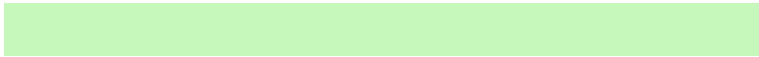
■ 86, 114.166,
134.831

■ 86, 115.827,
135.029

Harmonies

Complementary

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



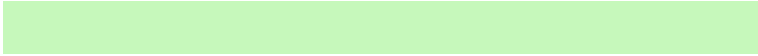
93, 36.279, 138.101



82, 36.653, 320.507

Rectangle

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



93, 36.279, 138.101



93, 36.279, 188.101



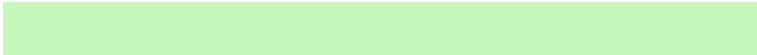
93, 36.279, 318.101



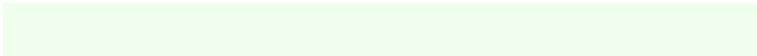
93, 36.279, 8.101

Sweetspot

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



93, 36.281, 138.102



99, 10.494, 139.093



94, 25.836, 98.549



52, 6.821, 139.061



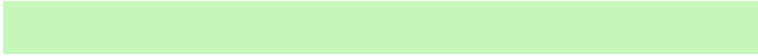
0, 0.000, 0.000



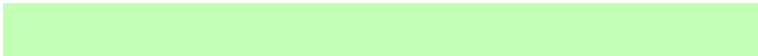
53, 0.007, 296.813

Same Dimension

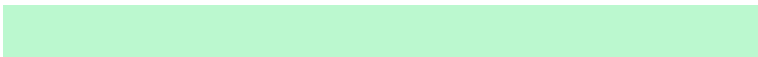
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 36.281, 138.102



94, 43.732, 137.818



93, 30.597, 153.016



51, 8.397, 138.962



67, 94.067, 134.887



22, 41.043, 134.453

Inverse Universe

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



82, 36.653, 320.507



81, 44.250, 320.709



83, 30.926, 336.761



49, 8.440, 319.807



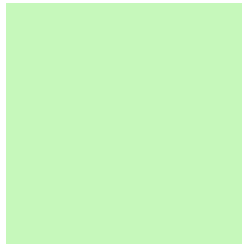
39, 93.655, 321.390



9, 42.247, 322.210

Previews

White Background



This preview shows how the CIELCh color 93, 36.279, 138.101 looks on a white background.

Color Contrast Check

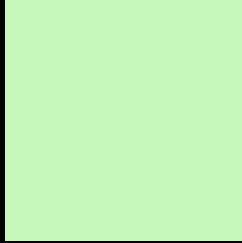
Large Text (above 18pt) WCAG AA × Fail

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 93, 36.279, 138.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

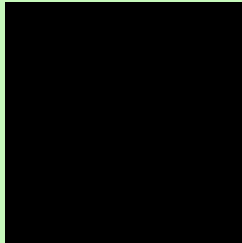
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

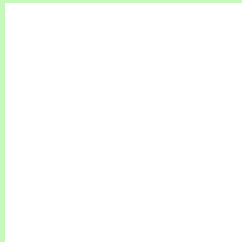
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 36.279, 138.101

Background



This preview shows how black text looks on a background with the CIELCh color 93, 36.279, 138.101.

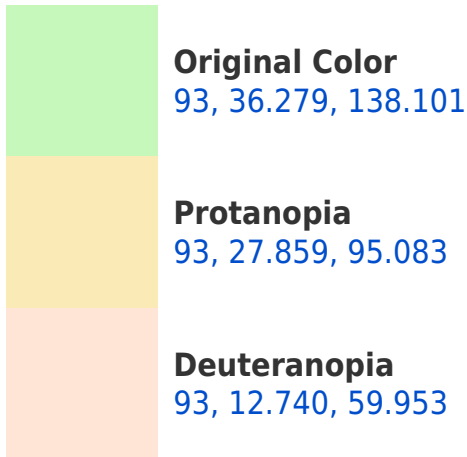


This preview shows how white text looks on a background with the CIELCh color 93, 36.279, 138.101.

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



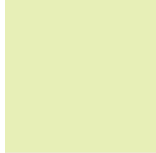


Tritanopia
93, 11.945, 246.526

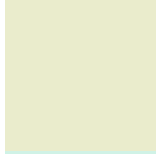
Trichromacy



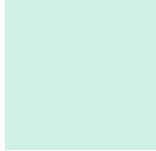
Original Color
93, 36.279, 138.101



Protanomaly
93, 28.752, 113.996

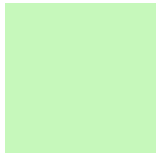


Deuteranomaly
93, 16.446, 111.454

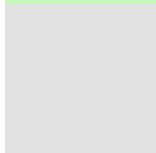


Tritanomaly
93, 13.453, 171.122

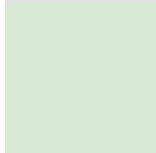
Monochromacy



Original Color
93, 36.279, 138.101



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 13.160, 138.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 36.279, 138.101 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(198, 248, 187)` looks like.

```
.text, #text, p{  
    color:rgb(198, 248, 187)  
}
```

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(198, 248, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 248, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 36.279, 138.101 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(198, 248, 187) }
```

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

```
.border{ border-color:rgb(198, 248, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 248, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 248, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 248, 187);  
box-shadow:4px 4px 4px 4px rgb(198, 248,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 36.279, 138.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 248, 187) }
```

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

```
.background{ background-color: rgb(198,  
248, 187) }
```

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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