

Converting Colors

CIELCh(93, 38.305, 129.382)

Have a look what the booklet for
CIELCh(93, 38.305, 129.382)
contains.

CIELCh(93, 38.392, 129.249)	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(93, 38.392, 129.249)

Conversions

Conversions Part 1

Format	Color
Hex	D1F7B1
RGB	209, 247, 177
RGB Percent	82%, 97%, 69%
CMY	0.1818, 0.0328, 0.3072
CMYK	0.15, 0.00, 0.28, 0.03
HSL	93°, 81%, 83%
HSV	93°, 28%, 97%
XYZ	67.2482, 82.9670, 53.8878
YIQ	227.6580, -0.1780, -29.8260

Conversions

Conversions Part 2

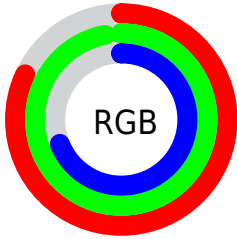
Format	Color
RYB	177, 247, 215
Decimal	13760433
CIELab	93.00, -24.29, 29.73
CIElCh	93, 38.392, 129.249
Yxy	82.9670, 0.3295, 0.4065
Android (android.graphics.Color)	4291950513 (0xFFD1F7B1)
YUV	227.6580, -24.9744, -16.3631
Hunter-Lab	91.0862, -27.6159, 28.6836

Details

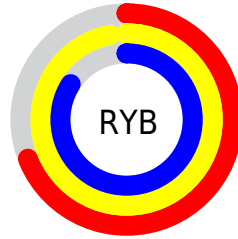
The CIELCh color **93, 38.392, 129.249** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78, 39.795, 311.875**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 11.136, 109.335**, and **73, 38.567, 129.267** is the 20% darker color. If you saturate the color by 10%, you get **92, 51.674, 128.762**, and if you desaturate by 10%, it is **94, 24.893, 129.738**.

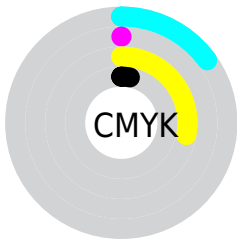
Distribution



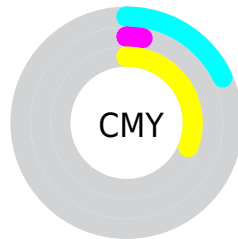
- Red (82%)
- Green (97%)
- Blue (69%)



- Red (69%)
- Yellow (97%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (28%)
- Black (3%)



- Cyan (18%)
- Magenta (3%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 38.392, 129.249 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, 38.392, 129.249 by changing the saturation by 10% instead.

 93, 38.392,
129.249


 93, 38.392,
129.249

 100, 38.392,
129.249

 83, 38.392,
129.249

 73, 38.392,
129.249

 63, 38.392,
129.249

 53, 38.392,
129.249

 43, 38.392,
129.249

 33, 38.392,
129.249

 23, 38.392,

129.249

■ 13, 38.392,
129.249

■ 3, 38.392, 129.249

■ 93, 38.392,
129.249

■ 93, 38.392,
129.249

■ 92, 51.674,
128.762

■ 94, 24.893,
129.738

■ 91, 64.512,
128.306

■ 96, 11.325,
130.207

■ 90, 76.592,
127.944

■ 97, 2.205, 310.552

■ 89, 87.469,
127.765

■ 98, 5.201, 324.563

■ 88, 96.574,
127.893

■ 87, 103.340,
128.458

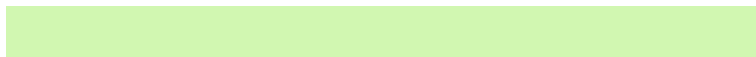
■ 87, 107.582,
129.502

■ 87, 108.151,
129.681

Harmonies

Complementary

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



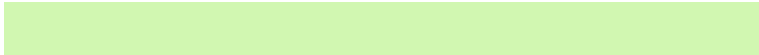
93, 38.392, 129.249



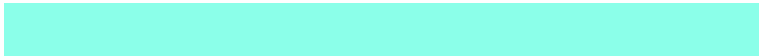
78, 39.795, 311.875

Rectangle

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



93, 38.392, 129.249



93, 38.392, 179.249



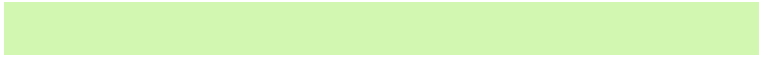
93, 38.392, 309.249



93, 38.392, 359.249

Sweetspot

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



93, 38.394, 129.251



99, 12.507, 130.178



87, 23.412, 75.276



52, 8.695, 130.110



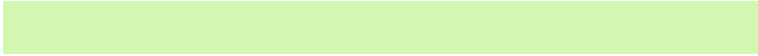
0, 0.000, 0.000



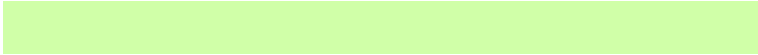
53, 0.007, 296.813

Same Dimension

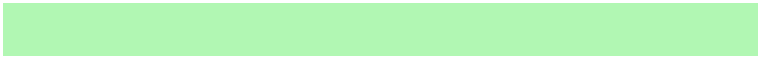
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 38.394, 129.251



95, 47.160, 128.971



91, 43.140, 143.347



51, 7.642, 130.156



67, 87.301, 129.402



21, 36.960, 128.215

Inverse Universe

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



78, 39.795, 311.875



76, 49.264, 312.164



81, 43.147, 326.923



47, 7.739, 310.956



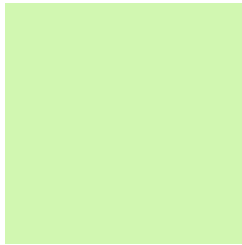
30, 97.602, 312.913



6, 41.578, 313.729

Previews

White Background



This preview shows how the CIELCh color 93, 38.392, 129.249 looks on a white background.

Color Contrast Check

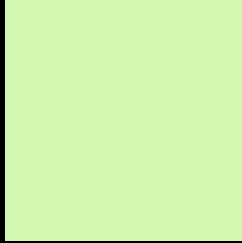
Large Text (above 18pt) WCAG AA × Fail

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, 38.392, 129.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

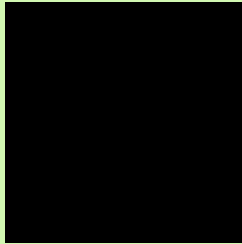
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

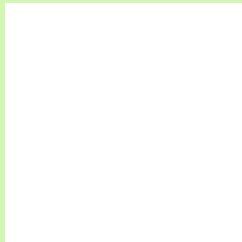
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 38.392, 129.249

Background



This preview shows how black text looks on a background with the CIELCh color 93, 38.392, 129.249.

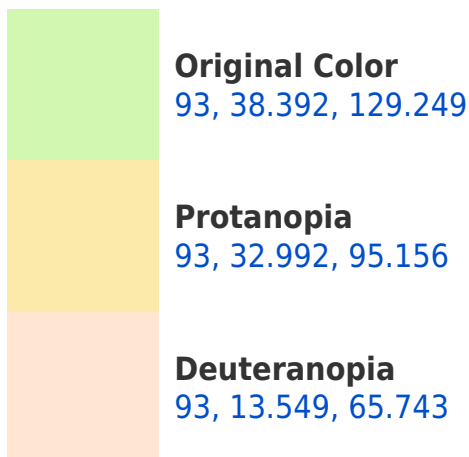


This preview shows how white text looks on a background with the CIELCh color 93, 38.392, 129.249.

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



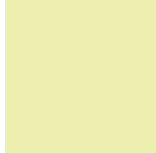


Tritanopia
93, 10.927, 263.403

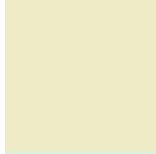
Trichromacy



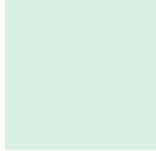
Original Color
93, 38.392, 129.249



Protanomaly
93, 33.607, 109.476



Deuteranomaly
93, 18.986, 106.385

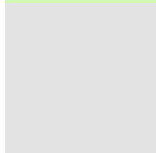


Tritanomaly
93, 10.605, 159.574

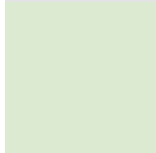
Monochromacy



Original Color
93, 38.392, 129.249



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 13.913, 130.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 38.392, 129.249 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(209, 247, 177)` looks like.

```
.text, #text, p{  
    color:rgb(209, 247, 177)  
}
```

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(209, 247, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 247, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 38.392, 129.249 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(209, 247, 177) }
```

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

```
.border{ border-color:rgb(209, 247, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 247, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 247, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 247, 177); box-shadow:4px 4px 4px 4px rgb(209, 247, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 38.392, 129.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 247, 177) }
```

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

```
.background{ background-color: rgb(209,  
247, 177) }
```

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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