

Converting Colors

CIELCh(93, 19.711, 132.812)

Have a look what the booklet for
CIELCh(93, 19.711, 132.812)
contains.

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Color

CIELCh(93, 19.726, 132.809)

Conversions

Conversions Part 1

Format	Color
Hex	DCF2CF
RGB	220, 242, 207
RGB Percent	86%, 95%, 81%
CMY	0.1385, 0.0522, 0.1895
CMYK	0.09, 0.00, 0.14, 0.05
HSL	98°, 57%, 88%
HSV	98°, 14%, 95%
XYZ	72.2986, 82.9670, 71.0338
YIQ	231.4320, -1.8770, -15.5490

Conversions

Conversions Part 2

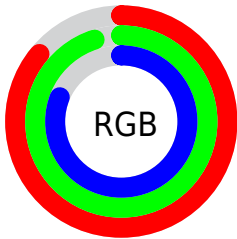
Format	Color
R _Y B	207, 242, 229
Decimal	14480079
CIE Lab	93.00, -13.40, 14.47
CIE LCh	93, 19.726, 132.809
Yxy	82.9670, 0.3195, 0.3666
Android (android.graphics.Color)	4292670159 (0xFFDCF2CF)
YUV	231.4320, -12.0450, -10.0259
Hunter-Lab	91.0862, -17.7187, 17.5229

Details

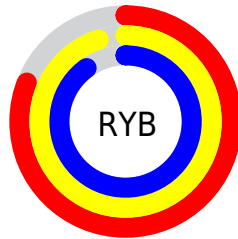
The CIELCh color **93, 19.726, 132.809** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 20.013, 314.038**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 19.594, 132.921** is the 20% darker color. If you saturate the color by 10%, you get **92, 33.382, 132.323**, and if you desaturate by 10%, it is **95, 6.076, 133.277**.

Distribution



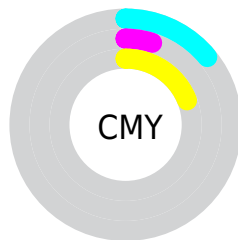
- Red (86%)
- Green (95%)
- Blue (81%)



- Red (81%)
- Yellow (95%)
- Blue (90%)



- Cyan (9%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)



- Cyan (14%)
- Magenta (5%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 19.726, 132.809 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, 19.726, 132.809 by changing the saturation by 10% instead.

93, 19.726,
132.809

93, 19.726,
132.809

100, 19.726,
132.809

83, 19.726,
132.809

73, 19.726,
132.809

63, 19.726,
132.809

53, 19.726,
132.809

43, 19.726,
132.809

33, 19.726,
132.809

23, 19.726,

132.809

■ 13, 19.726,
132.809

■ 3, 19.726, 132.809

■ 93, 19.726,
132.809

■ 93, 19.726,
132.809

■ 92, 33.382,
132.323

■ 95, 6.076, 133.277

■ 90, 46.896,
131.812

■ 96, 7.462, 313.660

■ 97, 8.299, 324.693

■ 89, 60.070,
131.302

■ 88, 72.618,
130.839

■ 87, 84.143,
130.498

■ 86, 94.115,
130.391

■ 85, 101.939,
130.651

■ 85, 107.179,
131.377

■ 85, 109.160,
131.910

Harmonies

Complementary

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



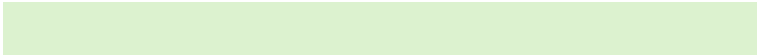
93, 19.726, 132.809



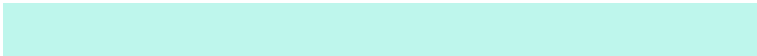
86, 20.013, 314.038

Rectangle

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



93, 19.726, 132.809



93, 19.726, 182.809



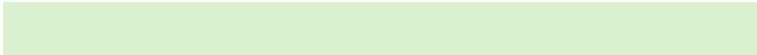
93, 19.726, 312.809



93, 19.726, 2.809

Sweetspot

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



93, 19.728, 132.811



99, 5.665, 133.300



91, 12.203, 85.036



53, 4.028, 133.263



0, 0.000, 0.000



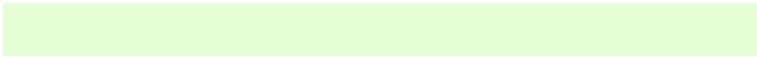
53, 0.007, 296.813

Same Dimension

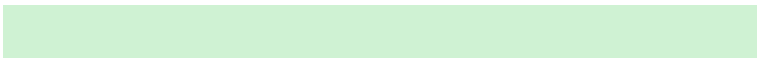
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 19.728, 132.811



97, 24.205, 132.689



92, 20.396, 146.861



49, 7.678, 133.044



66, 88.570, 131.660



20, 36.475, 130.928

Inverse Universe

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



86, 20.013, 314.038



88, 24.612, 314.154



87, 20.437, 328.622



47, 7.756, 313.815



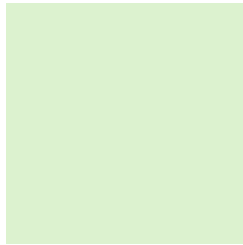
32, 94.872, 315.217



6, 40.021, 316.202

Previews

White Background



This preview shows how the CIE LCh color 93, 19.726, 132.809 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, 19.726, 132.809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

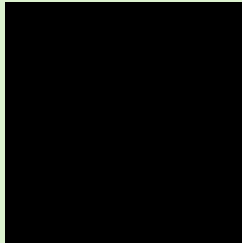
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

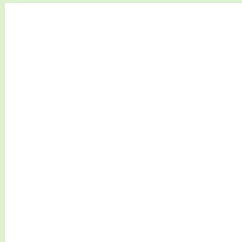
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 19.726, 132.809

Background



This preview shows how black text looks on a background with the CIELCh color 93, 19.726, 132.809.

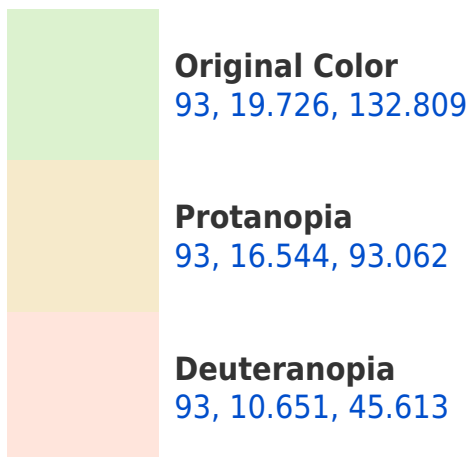


This preview shows how white text looks on a background with the CIELCh color 93, 19.726, 132.809.

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](#).

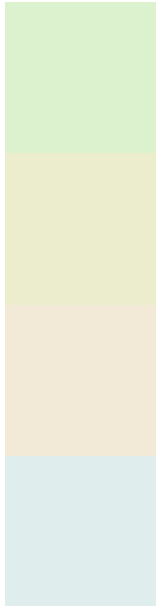
Dichromacy





Tritanopia
93, 10.125, 275.385

Trichromacy



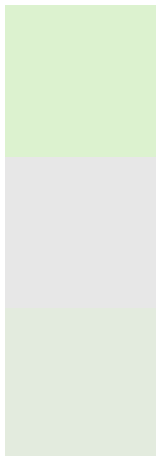
Original Color
93, 19.726, 132.809

Protanomaly
93, 16.928, 110.086

Deuteranomaly
93, 10.188, 92.580

Tritanomaly
93, 4.541, 199.239

Monochromacy



Original Color
93, 19.726, 132.809

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 7.315, 132.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 19.726, 132.809 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(220, 242, 207)` looks like.

```
.text, #text, p{  
    color:rgb(220, 242, 207)  
}
```

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(220, 242, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 242, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 19.726, 132.809 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(220, 242, 207) }
```

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

```
.border{ border-color:rgb(220, 242, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 242, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 242, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 242, 207);  
box-shadow:4px 4px 4px 4px rgb(220, 242,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 19.726, 132.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 242, 207) }
```

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

```
.background{ background-color: rgb(220,  
242, 207) }
```

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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