

Converting Colors

CIELCh(98, 20.606, 133.017)

Have a look what the booklet for
CIELCh(98, 20.606, 133.017)
contains.

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Color

CIELCh(98, 19.528, 132.842)

Conversions

Conversions Part 1

Format	Color
Hex	EAFFDD
RGB	234, 255, 221
RGB Percent	92%, 100%, 87%
CMY	0.0822, 0.0000, 0.1332
CMYK	0.08, 0.00, 0.13, 0.00
HSL	97°, 100%, 93%
HSV	97°, 13%, 100%
XYZ	83.0972, 94.9163, 82.3668
YIQ	244.8450, -1.6020, -15.0260

Conversions

Conversions Part 2

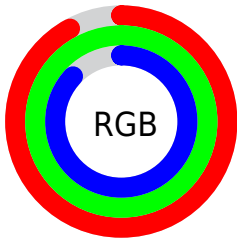
Format	Color
R_{YB}	221, 255, 242
Decimal	15400925
CIE _{Lab}	98.00, -13.28, 14.32
CIE _{LCh}	98, 19.528, 132.842
Yxy	94.9163, 0.3191, 0.3645
Android (android.graphics.Color)	4293591005 (0xFFEAFDD)
YUV	244.8450, -11.7556, -9.5111
Hunter-Lab	97.4250, -18.2447, 18.0714

Details

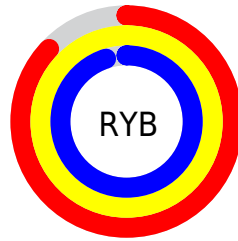
The CIELCh color **98, 19.528, 132.842** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **91, 19.155, 313.605**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 18.716, 132.621** is the 20% darker color. If you saturate the color by 10%, you get **96, 33.110, 131.995**, and if you desaturate by 10%, it is **99, 4.687, 132.950**.

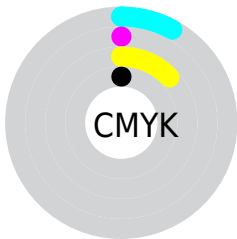
Distribution



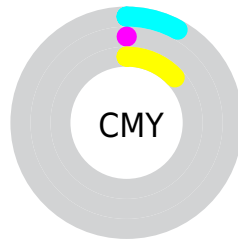
- Red (92%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (95%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)




- Cyan (8%)
- Magenta (0%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 19.528, 132.842 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 98, 19.528, 132.842 by changing the saturation by 10% instead.


 98, 19.528,
132.842


 98, 19.528,
132.842

 100, 19.528,
132.842


 88, 19.528,
132.842

 78, 19.528,
132.842

 68, 19.528,
132.842

 58, 19.528,
132.842

 48, 19.528,
132.842

 38, 19.528,
132.842

 28, 19.528,

132.842

■ 18, 19.528,
132.842

■ 8, 19.528, 132.842

■ 98, 19.528,
132.842

■ 98, 19.528,
132.842

■ 96, 33.110,
131.995

■ 99, 4.687, 132.950

■ 95, 47.199,
131.488

100, 0.012,
296.813

■ 93, 60.958,
130.982

■ 92, 74.101,
130.519

■ 91, 86.225,
130.174

■ 91, 96.791,
130.055

■ 90, 105.174,
130.295

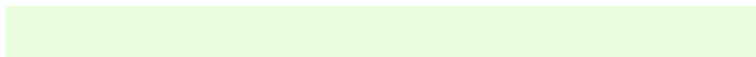
■ 89, 110.888,
131.002

■ 89, 113.382,
131.679

Harmonies

Complementary

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



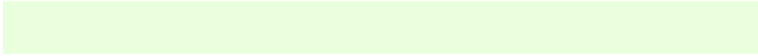
98, 19.528, 132.842



91, 19.155, 313.605

Rectangle

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



98, 19.528, 132.842



98, 19.528, 182.842



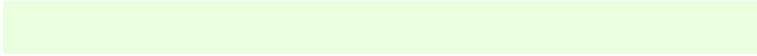
98, 19.528, 312.842



98, 19.528, 2.842

Sweetspot

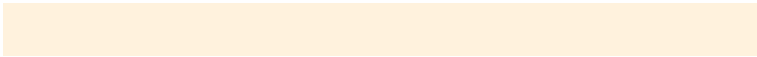
The Sweet Spot groups the original color and five complimentary colors.



98, 18.892, 132.479



99, 5.648, 132.914



96, 11.708, 85.181



53, 4.016, 132.877



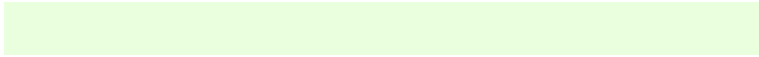
0, 0.000, 0.000



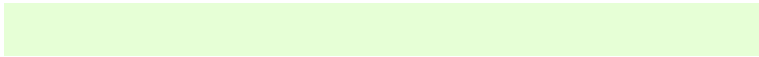
53, 0.007, 296.813

Same Dimension

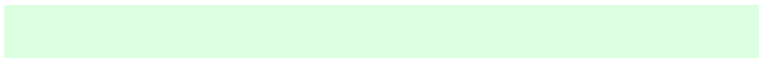
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 18.892, 132.479



97, 22.704, 132.352



97, 19.589, 146.943



52, 8.053, 132.656



69, 91.057, 131.424



23, 40.438, 130.074

Inverse Universe

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



91, 19.155, 313.605



89, 23.078, 313.726



92, 19.628, 328.553



49, 8.138, 313.433



33, 98.055, 314.854



7, 44.593, 316.147

Previews

White Background



This preview shows how the CIE LCh color 98, 19.528, 132.842 looks on a white background.

Color Contrast Check

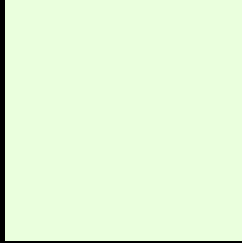
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 98, 19.528, 132.842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

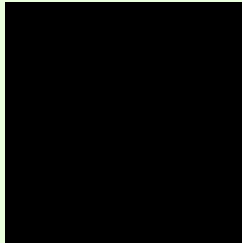
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

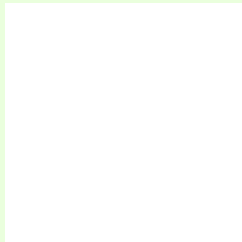
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 19.528, 132.842

Background



This preview shows how black text looks on a background with the CIELCh color 98, 19.528, 132.842.

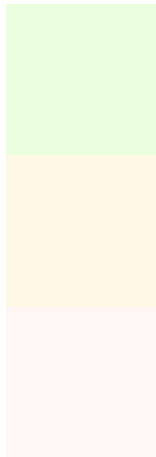


This preview shows how white text looks on a background with the CIELCh color 98, 19.528, 132.842.

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



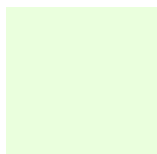
Original Color
98, 18.912, 132.501

Protanopia
98, 8.994, 93.134

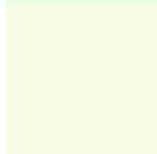
Deuteranopia
98, 3.208, 47.763

Tritanopia
98, 3.638, 279.505

Trichromacy



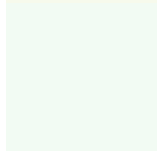
Original Color
98, 18.912, 132.501



Protanomaly
98, 12.286, 116.014



Deuteranomaly
98, 7.207, 118.176

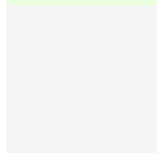


Tritanomaly
98, 5.186, 147.464

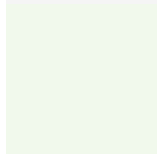
Monochromacy



Original Color
98, 18.912, 132.501



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 7.234, 132.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 19.528, 132.842 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(234, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 221)  
}
```

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(234, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 19.528, 132.842 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(234, 255, 221) }
```

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

```
.border{ border-color:rgb(234, 255, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 19.528, 132.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 221) }
```

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

```
.background{ background-color: rgb(234,  
255, 221) }
```

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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