

Converting Colors

CIELCh(98, 19.475, 129.126)

Have a look what the booklet for
CIELCh(98, 19.475, 129.126)
contains.

CIELCh(98, 18.962, 128.958)	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(98, 18.962, 128.958)

Conversions

Conversions Part 1

Format	Color
Hex	EDFFDC
RGB	237, 255, 220
RGB Percent	93%, 100%, 86%
CMY	0.0696, 0.0000, 0.1363
CMYK	0.07, 0.00, 0.14, 0.00
HSL	91°, 100%, 93%
HSV	91°, 14%, 100%
XYZ	83.8064, 94.9163, 81.7900
YIQ	245.6280, 0.5070, -14.7010

Conversions

Conversions Part 2

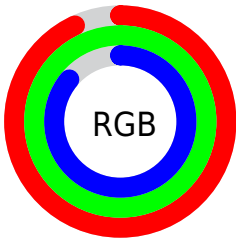
Format	Color
R _Y B	220, 255, 238
Decimal	15597532
CIE Lab	98.00, -11.92, 14.74
CIE LCh	98, 18.962, 128.958
Yxy	94.9163, 0.3217, 0.3643
Android (android.graphics.Color)	4293787612 (0xFFEDFFDC)
YUV	245.6280, -12.6346, -7.5668
Hunter-Lab	97.4250, -16.9453, 18.4225

Details

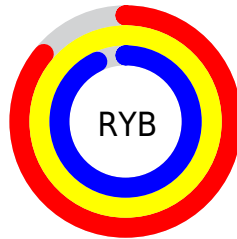
The CIELCh color **98, 18.962, 128.958** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 19.157, 310.052**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 18.759, 128.860** is the 20% darker color. If you saturate the color by 10%, you get **97, 32.604, 128.350**, and if you desaturate by 10%, it is **99, 4.986, 129.311**.

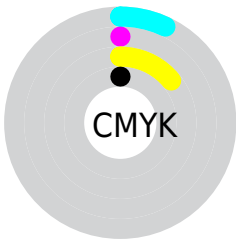
Distribution



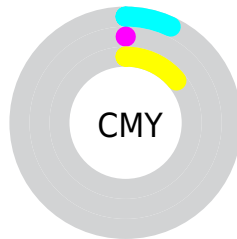
- Red (93%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (93%)



- Cyan (7%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 18.962, 128.958 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, 18.962, 128.958 by changing the saturation by 10% instead.


 98, 18.962,
128.958


 98, 18.962,
128.958


 100, 18.962,
128.958


 88, 18.962,
128.958


 78, 18.962,
128.958

 68, 18.962,
128.958

 58, 18.962,
128.958

 48, 18.962,
128.958

 38, 18.962,
128.958

 28, 18.962,

128.958

■ 18, 18.962,
128.958

■ 8, 18.962, 128.958

■ 98, 18.962,
128.958

■ 98, 18.962,
128.958

■ 97, 32.604,
128.350

■ 99, 4.986, 129.311

■ 95, 46.249,
127.857

100, 0.012,
296.813

■ 94, 59.554,
127.385

■ 93, 72.247,
126.980

■ 92, 83.937,
126.718

■ 91, 94.095,
126.709

■ 91, 102.112,
127.085

■ 90, 107.531,
127.953

■ 90, 109.816,
128.713

Harmonies

Complementary

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



98, 18.962, 128.958



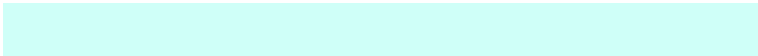
90, 19.157, 310.052

Rectangle

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



98, 18.962, 128.958



98, 18.962, 178.958



98, 18.962, 308.958



98, 18.962, 358.958

Sweetspot

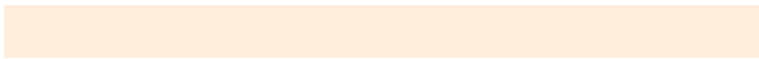
The Sweet Spot groups the original color and five complimentary colors.



98, 18.807, 128.834



99, 5.503, 129.291



95, 10.952, 73.699



53, 3.913, 129.254



0, 0.000, 0.000



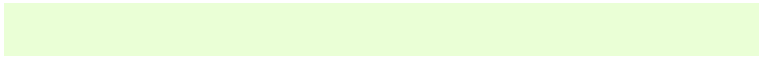
53, 0.007, 296.813

Same Dimension

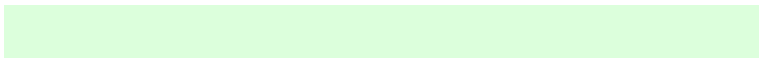
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 18.807, 128.834



98, 22.089, 128.720



97, 21.726, 143.615



53, 7.841, 129.029



69, 88.200, 128.430



23, 39.226, 126.889

Inverse Universe

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



90, 19.157, 310.052



88, 22.570, 310.170



92, 21.749, 325.181



49, 7.948, 309.853



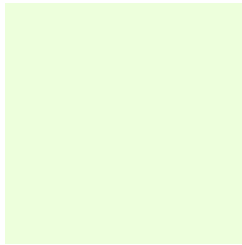
30, 100.303, 312.114



6, 44.889, 313.170

Previews

White Background



This preview shows how the CIE LCh color 98, 18.962, 128.958 looks on a white background.

Color Contrast Check

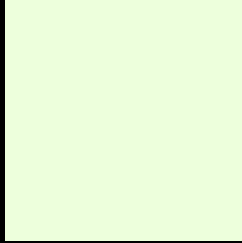
Large Text (above 18pt) WCAG AA × Fail

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, 18.962, 128.958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

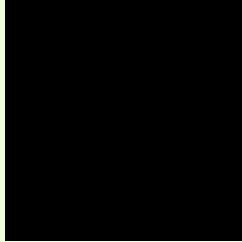
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

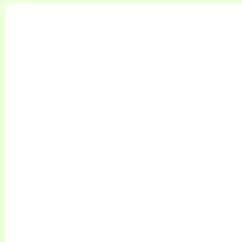
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 18.962, 128.958

Background



This preview shows how black text looks on a background with the CIELCh color 98, 18.962, 128.958.

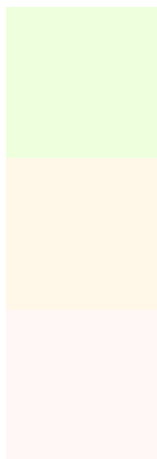


This preview shows how white text looks on a background with the CIELCh color 98, 18.962, 128.958.

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, 18.962, 128.958

Protanopia

98, 8.019, 91.213

Deuteranopia

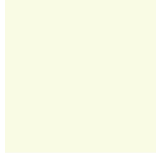
98, 3.001, 39.179

Tritanopia
98, 3.137, 277.676

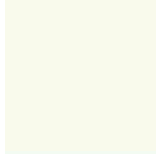
Trichromacy



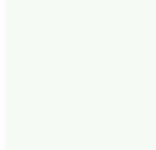
Original Color
98, 18.962, 128.958



Protanomaly
98, 11.707, 112.830

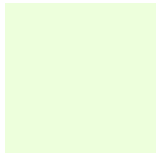


Deuteranomaly
98, 7.126, 112.504

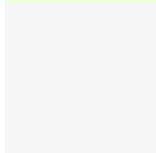


Tritanomaly
98, 5.404, 141.275

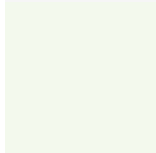
Monochromacy



Original Color
98, 18.962, 128.958



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 6.492, 128.879

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 18.962, 128.958 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(237, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 220)  
}
```

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(237, 255, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 18.962, 128.958 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(237, 255, 220) }
```

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

```
.border{ border-color:rgb(237, 255, 220) }
```

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

Here you see how a box with a 4 pixel rgb(237, 255, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 18.962, 128.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 220) }
```

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

```
.background{ background-color: rgb(237,  
255, 220) }
```

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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