

Converting Colors

CIELCh(100, 20.914, 135.811)

Have a look what the booklet for
CIELCh(100, 20.914, 135.811)
contains.

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Color

CIElCh(98, 16.287, 133.819)

Conversions

Conversions Part 1

Format	Color
Hex	ECFFE2
RGB	236, 255, 226
RGB Percent	93%, 100%, 89%
CMY	0.0742, 0.0000, 0.1134
CMYK	0.07, 0.00, 0.11, 0.00
HSL	99°, 100%, 94%
HSV	99°, 11%, 100%
XYZ	84.1454, 94.9163, 85.8968
YIQ	246.0130, -2.0150, -13.0470

Conversions

Conversions Part 2

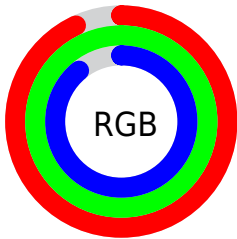
Format	Color
R _Y B	226, 255, 245
Decimal	15532002
CIE Lab	98.00, -11.28, 11.75
CIE LCh	98, 16.287, 133.819
Yxy	94.9163, 0.3176, 0.3582
Android (android.graphics.Color)	4293722082 (0xFFE2FFE2)
YUV	246.0130, -9.8664, -8.7814
Hunter-Lab	97.4250, -16.3243, 15.9232

Details

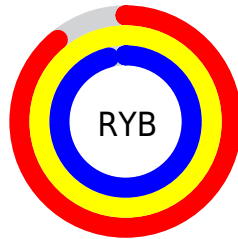
The CIELCh color **98, 16.287, 133.819** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **92, 16.411, 314.731**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 15.966, 134.091** is the 20% darker color. If you saturate the color by 10%, you get **96, 30.617, 133.303**, and if you desaturate by 10%, it is **100, 1.900, 134.316**.

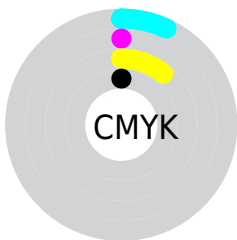
Distribution



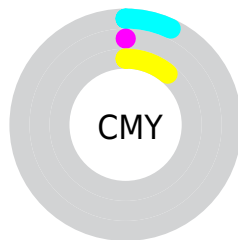
- Red (93%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (96%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 16.287, 133.819 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, 16.287, 133.819 by changing the saturation by 10% instead.


 98, 16.287,
133.819


 98, 16.287,
133.819


 100, 16.287,
133.819


 88, 16.287,
133.819


 78, 16.287,
133.819

 68, 16.287,
133.819

 58, 16.287,
133.819

 48, 16.287,
133.819

 38, 16.287,
133.819

 28, 16.287,

133.819

■ 18, 16.287,
133.819

■ 8, 16.287, 133.819

■ 98, 16.287,
133.819

■ 98, 16.287,
133.819

■ 96, 30.617,
133.303

■ 100, 1.900,
134.316

■ 95, 44.907,
132.786

■ 100, 0.012,
296.813

■ 94, 58.910,
132.255

■ 92, 72.353,
131.748

■ 91, 84.849,
131.331

■ 90, 95.877,
131.104

■ 90, 104.811,
131.198

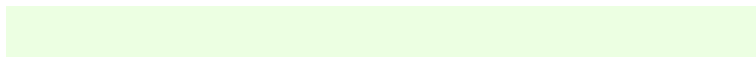
■ 89, 111.103,
131.733

■ 89, 114.494,
132.511

Harmonies

Complementary

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



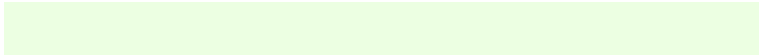
98, 16.287, 133.819



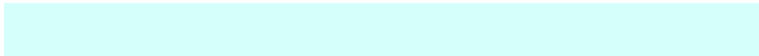
92, 16.411, 314.731

Rectangle

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



98, 16.287, 133.819



98, 16.287, 183.819



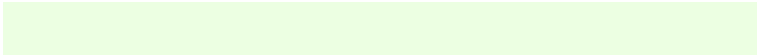
98, 16.287, 313.819



98, 16.287, 3.819

Sweetspot

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



98, 16.235, 133.788



99, 4.273, 134.188



97, 10.250, 88.305



53, 3.242, 134.145



0, 0.000, 0.000



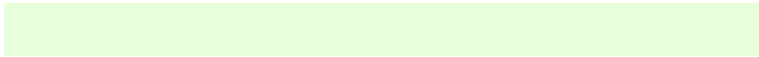
53, 0.007, 296.813

Same Dimension

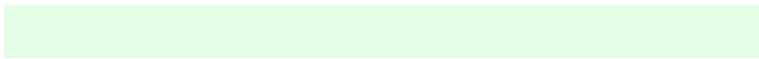
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 16.235, 133.788



98, 20.062, 133.662



97, 16.265, 148.132



52, 8.134, 133.874



68, 91.957, 132.272



23, 40.844, 131.023

Inverse Universe

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



92, 16.411, 314.731



90, 20.322, 314.849



93, 16.305, 329.506



49, 8.211, 314.649



34, 97.317, 315.933



8, 44.397, 317.199

Previews

White Background



This preview shows how the CIE LCh color 98, 16.287, 133.819 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, 16.287, 133.819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

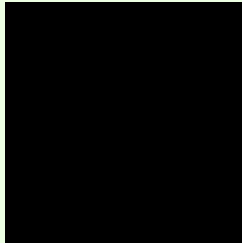
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

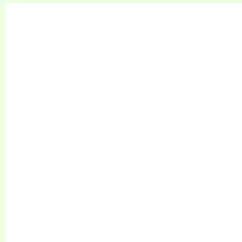
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 16.287, 133.819

Background



This preview shows how black text looks on a background with the CIELCh color 98, 16.287, 133.819.


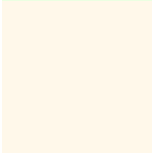



This preview shows how white text looks on a background with the CIELCh color 98, 16.287, 133.819.

Color Blindness Simulation

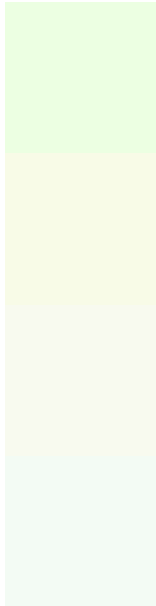
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

	Original Color 98, 16.287, 133.819
	Protanopia 98, 7.536, 90.058
	Deuteranopia 98, 2.870, 29.570

Tritanopia
98, 3.137, 277.676

Trichromacy



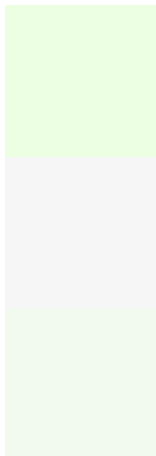
Original Color
98, 16.287, 133.819

Protanomaly
98, 10.225, 115.465

Deuteranomaly
98, 5.642, 116.986

Tritanomaly
98, 4.562, 147.929

Monochromacy



Original Color
98, 16.287, 133.819

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 5.688, 135.603

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 16.287, 133.819 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(236, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(236, 255, 226)  
}
```

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(236, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 255, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 16.287, 133.819 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(236, 255, 226) }
```

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

```
.border{ border-color:rgb(236, 255, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 255, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 255, 226);  
box-shadow:4px 4px 4px 4px rgb(236, 255,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 16.287, 133.819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 255, 226) }
```

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

```
.background{ background-color: rgb(236,  
255, 226) }
```

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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