

Converting Colors

CIELCh(100, 23.704, 135.831)

Have a look what the booklet for
CIELCh(100, 23.704, 135.831)
contains.

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Color

CIELCh(98, 18.448, 133.134)

Conversions

Conversions Part 1

Format	Color
Hex	EBFFDF
RGB	235, 255, 223
RGB Percent	92%, 100%, 87%
CMY	0.0795, 0.0000, 0.1266
CMYK	0.08, 0.00, 0.13, 0.00
HSL	98°, 100%, 94%
HSV	98°, 13%, 100%
XYZ	83.4448, 94.9163, 83.5330
YIQ	245.3720, -1.6480, -14.1920

Conversions

Conversions Part 2

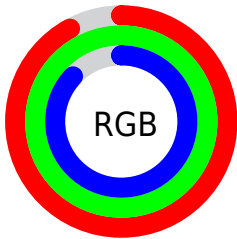
Format	Color
R _Y B	223, 255, 243
Decimal	15466463
CIE _{Lab}	98.00, -12.61, 13.46
CIE _{LCh}	98, 18.448, 133.134
Y _{xy}	94.9163, 0.3186, 0.3624
Android (android.graphics.Color)	4293656543 (0xFFEBFFDF)
YUV	245.3720, -11.0294, -9.0962
Hunter-Lab	97.4250, -17.6080, 17.3617

Details

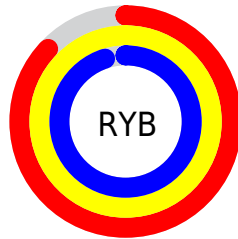
The CIELCh color **98, 18.448, 133.134** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **91, 18.237, 313.939**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 17.583, 132.941** is the 20% darker color. If you saturate the color by 10%, you get **96, 32.272, 132.392**, and if you desaturate by 10%, it is **100, 3.761, 133.354**.

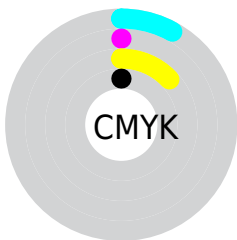
Distribution



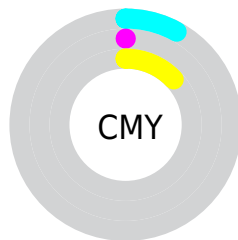
- Red (92%)
- Green (100%)
- Blue (87%)



- 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, 18.448, 133.134 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, 18.448, 133.134 by changing the saturation by 10% instead.

 98, 18.448,
133.134


 98, 18.448,
133.134


 100, 18.448,
133.134


 88, 18.448,
133.134


 78, 18.448,
133.134

 68, 18.448,
133.134

 58, 18.448,
133.134

 48, 18.448,
133.134

 38, 18.448,
133.134

 28, 18.448,

133.134

■ 18, 18.448,
133.134

■ 8, 18.448, 133.134

■ 98, 18.448,
133.134

■ 98, 18.448,
133.134

■ 96, 32.272,
132.392

■ 100, 3.761,
133.354

■ 95, 46.423,
131.882

100, 0.012,
296.813

■ 94, 60.258,
131.368

■ 92, 73.497,
130.892

■ 91, 85.743,
130.524

■ 91, 96.463,
130.370

■ 90, 105.031,
130.564

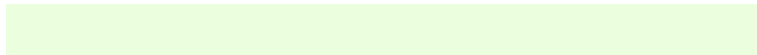
■ 89, 110.938,
131.218

■ 89, 113.723,
131.938

Harmonies

Complementary

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



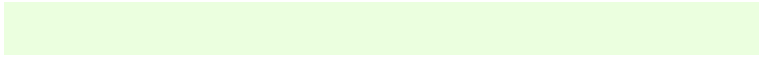
98, 18.448, 133.134



91, 18.237, 313.939

Rectangle

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



98, 18.448, 133.134



98, 18.448, 183.134



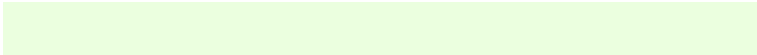
98, 18.448, 313.134



98, 18.448, 3.134

Sweetspot

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



98, 18.005, 132.875



99, 5.664, 133.281



96, 11.115, 85.266



53, 4.028, 133.243



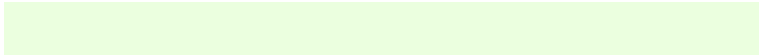
0, 0.000, 0.000



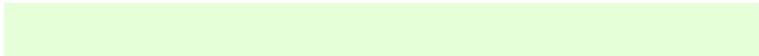
53, 0.007, 296.813

Same Dimension

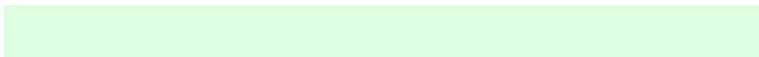
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 18.005, 132.875



97, 21.345, 132.765



97, 18.610, 146.991



52, 8.077, 133.022



69, 91.332, 131.688



23, 40.560, 130.365

Inverse Universe

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



91, 18.237, 313.939



90, 21.665, 314.044



92, 18.647, 328.513



49, 8.159, 313.798



34, 97.831, 315.170



7, 44.540, 316.460

Previews

White Background



This preview shows how the CIE LCh color 98, 18.448, 133.134 looks on a white background.

Color Contrast Check

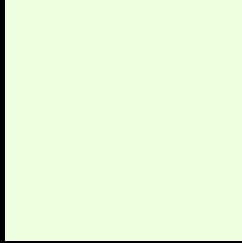
Large Text (above 18pt) WCAG AA × Fail

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, 18.448, 133.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

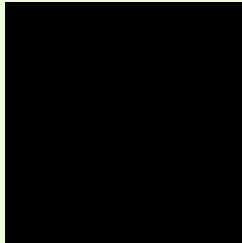
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

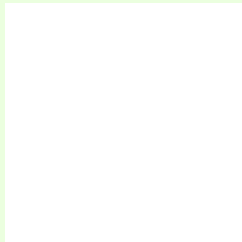
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 18.448, 133.134

Background



This preview shows how black text looks on a background with the CIELCh color 98, 18.448, 133.134.

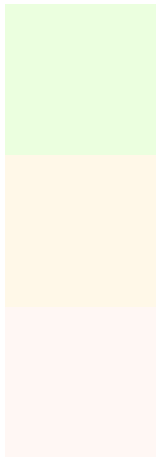


This preview shows how white text looks on a background with the CIELCh color 98, 18.448, 133.134.

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



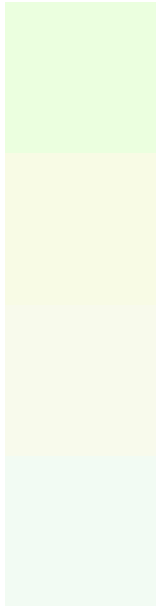
Original Color
98, 17.831, 132.780

Protanopia
98, 8.505, 92.231

Deuteranopia
98, 3.208, 47.763

Tritanopia
98, 3.638, 279.505

Trichromacy



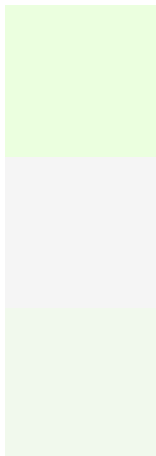
Original Color
98, 17.831, 132.780

Protanomaly
98, 11.234, 114.858

Deuteranomaly
98, 7.158, 115.359

Tritanomaly
98, 5.186, 147.464

Monochromacy



Original Color
98, 17.831, 132.780

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 6.768, 134.498

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 18.448, 133.134 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(235, 255, 223)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 223)  
}
```

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(235, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 18.448, 133.134 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(235, 255, 223) }
```

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

```
.border{ border-color:rgb(235, 255, 223) }
```

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

Here you see how a box with a 4 pixel rgb(235, 255, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 18.448, 133.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 223) }
```

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

```
.background{ background-color: rgb(235,  
255, 223) }
```

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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