

Converting Colors

CIELCh(100, 20.041, 136.417)

Have a look what the booklet for
CIELCh(100, 20.041, 136.417)
contains.

CIELCh(98, 15.208, 134.226)	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, 15.208, 134.226)

Conversions

Conversions Part 1

Format	Color
Hex	EDFFE4
RGB	237, 255, 228
RGB Percent	93%, 100%, 89%
CMY	0.0715, 0.0009, 0.1068
CMYK	0.07, 0.00, 0.11, 0.00
HSL	100°, 98%, 95%
HSV	100°, 11%, 100%
XYZ	84.4978, 94.9163, 87.0926
YIQ	246.5400, -2.0610, -12.2130

Conversions

Conversions Part 2

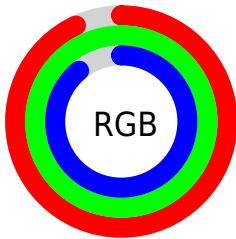
Format	Color
R _Y B	228, 255, 246
Decimal	15597540
CIE _{Lab}	98.00, -10.61, 10.90
CIE _{LCh}	98, 15.208, 134.226
Y _{xy}	94.9163, 0.3171, 0.3561
Android (android.graphics.Color)	4293787620 (0xFFEDFFE4)
Y _{UV}	246.5400, -9.1402, -8.3666
Hunter-Lab	97.4250, -15.6785, 15.1955

Details

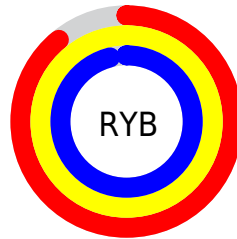
The CIELCh color **98, 15.208, 134.226** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **93, 15.361, 315.104**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 14.834, 134.564** is the 20% darker color. If you saturate the color by 10%, you get **96, 29.636, 133.742**, and if you desaturate by 10%, it is **100, 0.843, 134.890**.

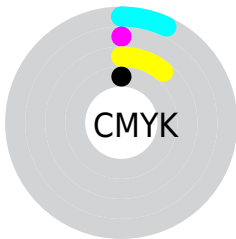
Distribution



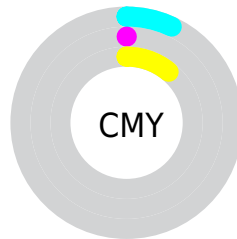
- Red (93%)
- Green (100%)
- Blue (89%)



- 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, 15.208, 134.226 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, 15.208, 134.226 by changing the saturation by 10% instead.


 98, 15.208,
134.226


 98, 15.208,
134.226


 100, 15.208,
134.226


 88, 15.208,
134.226

 78, 15.208,
134.226

 68, 15.208,
134.226

 58, 15.208,
134.226

 48, 15.208,
134.226

 38, 15.208,
134.226

 28, 15.208,

134.226

■ 18, 15.208,
134.226

■ 8, 15.208, 134.226

■ 98, 15.208,
134.226

■ 98, 15.208,
134.226

■ 96, 29.636,
133.742

■ 100, 0.843,
134.890

■ 95, 43.983,
133.222

■ 100, 0.158,
322.481

■ 93, 58.060,
132.683

■ 92, 71.597,
132.160

■ 91, 84.213,
131.718

■ 90, 95.396,
131.453

■ 90, 104.521,
131.495

■ 89, 111.021,
131.966

■ 89, 114.767,
132.769

Harmonies

Complementary

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



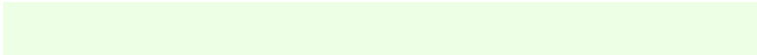
98, 15.208, 134.226



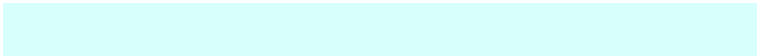
93, 15.361, 315.104

Rectangle

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



98, 15.208, 134.226



98, 15.208, 184.226



98, 15.208, 314.226



98, 15.208, 4.226

Sweetspot

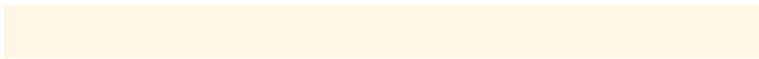
The Sweet Spot groups the original color and five complimentary colors.



98, 15.210, 134.228



99, 4.287, 134.596



97, 9.719, 89.766



53, 3.253, 134.552



0, 0.000, 0.000



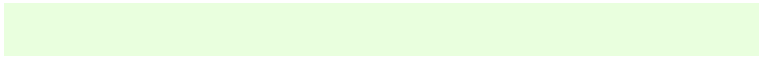
53, 0.007, 296.813

Same Dimension

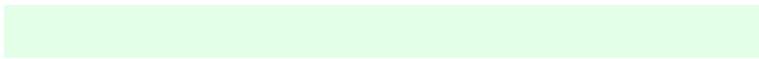
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 15.210, 134.228



98, 18.689, 134.115



97, 15.003, 148.727



52, 8.162, 134.279



68, 92.246, 132.536



23, 40.978, 131.326

Inverse Universe

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



93, 15.361, 315.104



91, 18.907, 315.211



93, 15.043, 330.016



49, 8.237, 315.056



35, 97.076, 316.311



8, 44.318, 317.556

Previews

White Background



This preview shows how the CIE LCh color 98, 15.208, 134.226 looks on a white background.

Color Contrast Check

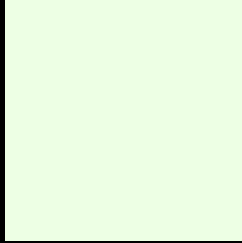
Large Text (above 18pt) WCAG AA × Fail

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, 15.208, 134.226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

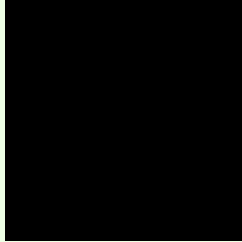
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

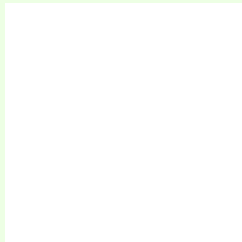
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 15.208, 134.226

Background



This preview shows how black text looks on a background with the CIELCh color 98, 15.208, 134.226.

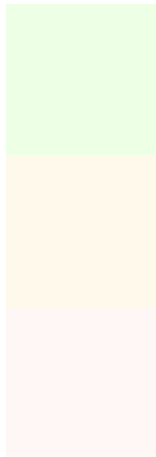


This preview shows how white text looks on a background with the CIELCh color 98, 15.208, 134.226.

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



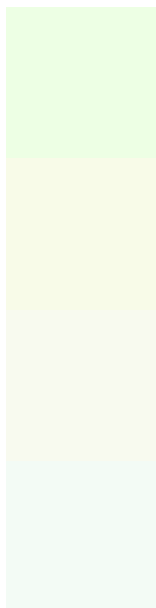
Original Color
98, 15.208, 134.226

Protanopia
98, 7.419, 92.702

Deuteranopia
98, 2.870, 29.570

Tritanopia
98, 3.137, 277.676

Trichromacy



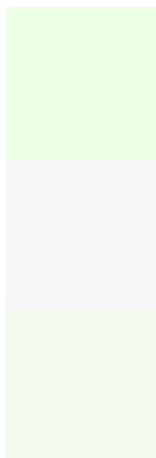
Original Color
98, 15.208, 134.226

Protanomaly
98, 9.720, 115.810

Deuteranomaly
98, 5.642, 116.986

Tritanomaly
98, 4.171, 152.223

Monochromacy



Original Color
98, 15.208, 134.226

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 5.538, 132.349

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 15.208, 134.226 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 15.208, 134.226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

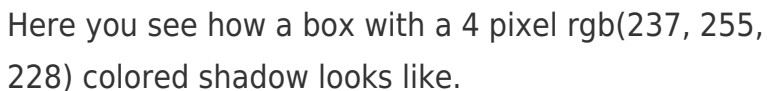
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 255, 228) }
```

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

```
.border{ border-color:rgb(237, 255, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 255, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 255, 228); box-shadow:4px 4px 4px 4px rgb(237, 255, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 15.208, 134.226 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, 228) }
```

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

```
.background{ background-color: rgb(237,  
255, 228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor