

Converting Colors

CIELCh(98, 13.909, 128.625)

Have a look what the booklet for
CIELCh(98, 13.909, 128.625)
contains.

CIELCh(98, 14.040, 128.621)	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, 14.040, 128.621)

Conversions

Conversions Part 1

Format	Color
Hex	F1FEE4
RGB	241, 254, 228
RGB Percent	95%, 100%, 89%
CMY	0.0561, 0.0051, 0.1071
CMYK	0.05, 0.00, 0.10, 0.01
HSL	90°, 91%, 94%
HSV	90°, 10%, 99%
XYZ	85.4739, 94.9163, 86.9922
YIQ	247.1490, 0.5980, -10.8420

Conversions

Conversions Part 2

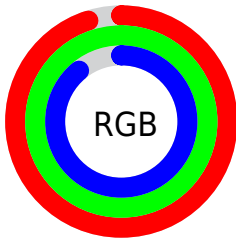
Format	Color
R _Y B	228, 254, 241
Decimal	15859428
CIE Lab	98.00, -8.76, 10.97
CIE LCh	98, 14.040, 128.621
Yxy	94.9163, 0.3197, 0.3550
Android (android.graphics.Color)	4294049508 (0xFFFF1FEE4)
YUV	247.1490, -9.4405, -5.3927
Hunter-Lab	97.4250, -13.8902, 15.2566

Details

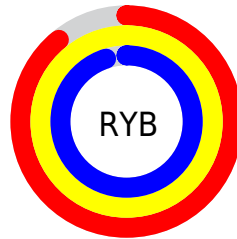
The CIELCh color **98, 14.040, 128.621** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **92, 14.250, 309.528**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 13.600, 128.537** is the 20% darker color. If you saturate the color by 10%, you get **97, 27.766, 128.144**, and if you desaturate by 10%, it is **100, 0.327, 129.494**.

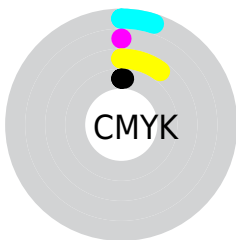
Distribution



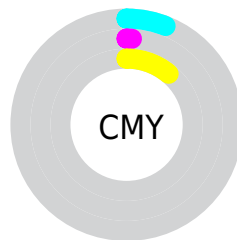
- Red (95%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (95%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)




- Cyan (6%)
- Magenta (1%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 14.040, 128.621 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, 14.040, 128.621 by changing the saturation by 10% instead.


 98, 14.040,
128.621


 98, 14.040,
128.621


 100, 14.040,
128.621


 88, 14.040,
128.621


 78, 14.040,
128.621

 68, 14.040,
128.621

 58, 14.040,
128.621

 48, 14.040,
128.621

 38, 14.040,
128.621

 28, 14.040,

128.621

■ 18, 14.040,
128.621

■ 8, 14.040, 128.621

■ 98, 14.040,
128.621

■ 98, 14.040,
128.621

■ 97, 27.766,
128.144

■ 100, 0.327,
129.494

■ 95, 41.383,
127.651

■ 100, 0.820,
324.093

■ 94, 54.732,
127.168

■ 93, 67.574,
126.735

■ 92, 79.566,
126.417

■ 91, 90.227,
126.313

■ 91, 98.963,
126.549

■ 90, 105.232,
127.250

■ 89, 109.012,
128.368

Harmonies

Complementary

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



98, 14.040, 128.621



92, 14.250, 309.528

Rectangle

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



98, 14.040, 128.621



98, 14.040, 178.621



98, 14.040, 308.621



98, 14.040, 358.621

Sweetspot

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



98, 14.042, 128.625



100, 4.114, 128.977



96, 8.137, 74.106



53, 3.121, 128.934



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

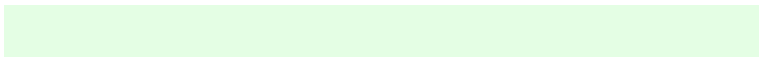
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 14.042, 128.625



98, 16.518, 128.541



97, 16.240, 143.847



53, 7.822, 128.660



69, 87.903, 128.088



23, 39.105, 126.537

Inverse Universe

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



92, 14.250, 309.528



91, 16.799, 309.613



93, 16.263, 324.989



49, 7.931, 309.492



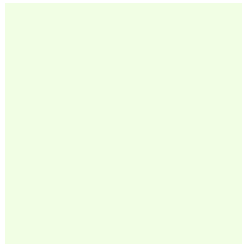
30, 100.530, 311.873



6, 44.900, 312.881

Previews

White Background



This preview shows how the CIE LCh color 98, 14.040, 128.621 looks on a white background.

Color Contrast Check

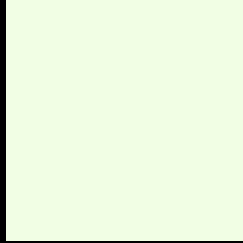
Large Text (above 18pt) WCAG AA × Fail

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, 14.040, 128.621 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

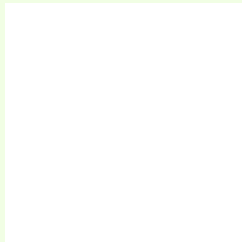
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 14.040, 128.621

Background



This preview shows how black text looks on a background with the CIELCh color 98, 14.040, 128.621.

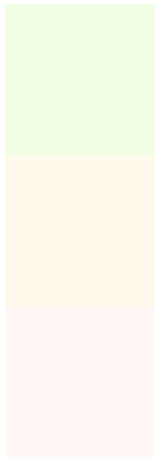


This preview shows how white text looks on a background with the CIELCh color 98, 14.040, 128.621.

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



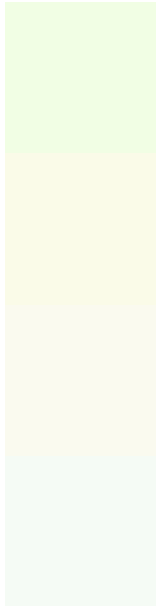
Original Color
98, 14.040, 128.621

Protanopia
98, 7.419, 92.702

Deuteranopia
98, 2.666, 41.733

Tritanopia
98, 3.084, 283.981

Trichromacy



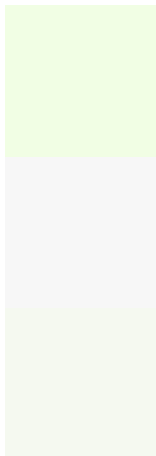
Original Color
98, 14.040, 128.621

Protanomaly
98, 9.658, 111.575

Deuteranomaly
98, 5.587, 109.740

Tritanomaly
98, 3.726, 144.390

Monochromacy



Original Color
98, 14.040, 128.621

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 4.807, 126.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 14.040, 128.621 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(241, 254, 228)` looks like.

```
.text, #text, p{  
    color:rgb(241, 254, 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(241, 254, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 254, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 14.040, 128.621 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(241, 254, 228) }
```

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

```
.border{ border-color:rgb(241, 254, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 254, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 254, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 254, 228); box-shadow:4px 4px 4px 4px rgb(241, 254, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 14.040, 128.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 254, 228) }
```

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

```
.background{ background-color: rgb(241,  
254, 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