

Converting Colors

CIELCh(98, 22.514, 124.962)

Have a look what the booklet for
CIELCh(98, 22.514, 124.962)
contains.

CIELCh(98, 22.205, 124.855)	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, 22.205, 124.855)

Conversions

Conversions Part 1

Format	Color
Hex	EEFFD5
RGB	238, 255, 213
RGB Percent	93%, 100%, 84%
CMY	0.0648, 0.0000, 0.1629
CMYK	0.06, 0.00, 0.16, 0.00
HSL	84°, 100%, 92%
HSV	84°, 16%, 100%
XYZ	83.4044, 94.9163, 77.1872
YIQ	245.1290, 3.3500, -16.6660

Conversions

Conversions Part 2

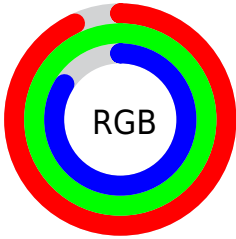
Format	Color
R_{YB}	213, 255, 230
Decimal	15663061
CIE Lab	98.00, -12.69, 18.22
CIE LCh	98, 22.205, 124.855
Yxy	94.9163, 0.3264, 0.3715
Android (android.graphics.Color)	4293853141 (0xFFEEFFD5)
YUV	245.1290, -15.8396, -6.2521
Hunter-Lab	97.4250, -17.6819, 21.2236

Details

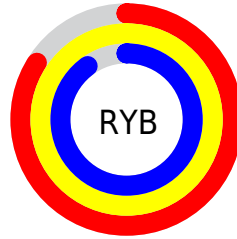
The CIELCh color **98, 22.205, 124.855** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 22.535, 306.287**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 22.148, 124.497** is the 20% darker color. If you saturate the color by 10%, you get **97, 35.310, 124.077**, and if you desaturate by 10%, it is **99, 8.457, 125.124**.

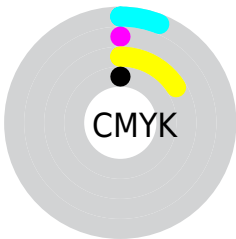
Distribution



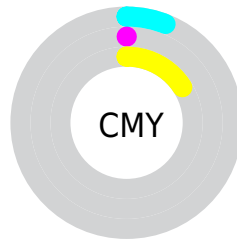
- Red (93%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (90%)



- Cyan (6%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 22.205, 124.855 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, 22.205, 124.855 by changing the saturation by 10% instead.


 98, 22.205,
124.855


 98, 22.205,
124.855


 100, 22.205,
124.855


 88, 22.205,
124.855

 78, 22.205,
124.855

 68, 22.205,
124.855

 58, 22.205,
124.855

 48, 22.205,
124.855

 38, 22.205,
124.855

 28, 22.205,

124.855

■ 18, 22.205,
124.855

■ 8, 22.205, 124.855

■ 98, 22.205,
124.855

■ 98, 22.205,
124.855

■ 97, 35.310,
124.077

■ 99, 8.457, 125.124

■ 96, 48.474,
123.559

100, 0.012,
296.813

■ 95, 61.220,
123.083

■ 94, 73.255,
122.705

■ 93, 84.157,
122.506

■ 92, 93.369,
122.598

■ 92, 100.296,
123.108

■ 91, 104.599,
124.123

■ 91, 105.749,
124.577

Harmonies

Complementary

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



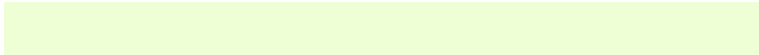
98, 22.205, 124.855



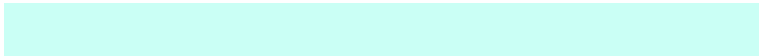
88, 22.535, 306.287

Rectangle

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



98, 22.205, 124.855



98, 22.205, 174.855



98, 22.205, 304.855



98, 22.205, 354.855

Sweetspot

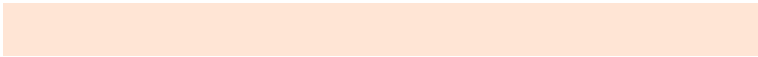
The Sweet Spot groups the original color and five complimentary colors.



98, 21.926, 124.605



99, 6.723, 125.191



93, 12.595, 60.249



53, 4.588, 125.154



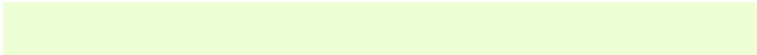
0, 0.000, 0.000



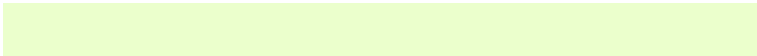
53, 0.007, 296.813

Same Dimension

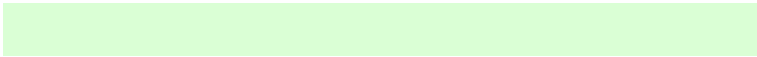
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 21.926, 124.605



97, 26.912, 124.409



97, 25.032, 140.375



53, 7.653, 124.957



70, 84.979, 124.295



24, 37.956, 122.747

Inverse Universe

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



88, 22.535, 306.287



85, 27.837, 306.509



90, 25.151, 322.017



49, 7.782, 305.902



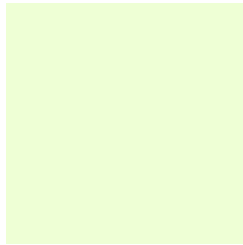
28, 102.719, 309.802



5, 44.894, 310.135

Previews

White Background



This preview shows how the CIELCh color 98, 22.205, 124.855 looks on a white background.

Color Contrast Check

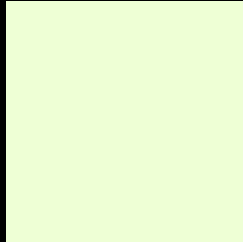
Large Text (above 18pt) WCAG AA × Fail

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, 22.205, 124.855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

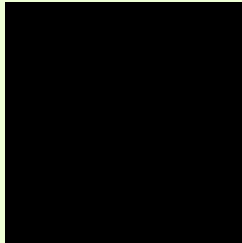
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

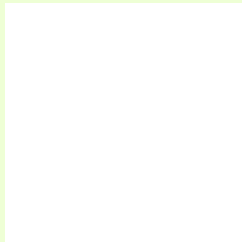
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 22.205, 124.855

Background



This preview shows how black text looks on a background with the CIELCh color 98, 22.205, 124.855.

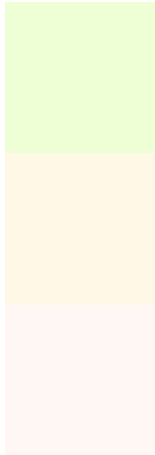


This preview shows how white text looks on a background with the CIELCh color 98, 22.205, 124.855.

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



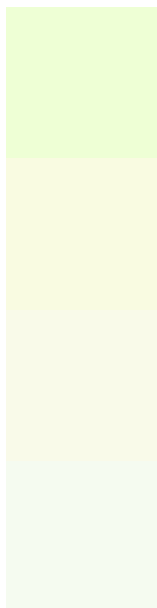
Original Color
98, 22.205, 124.855

Protanopia
98, 8.994, 93.134

Deuteranopia
98, 3.208, 47.763

Tritanopia
98, 3.582, 290.469

Trichromacy



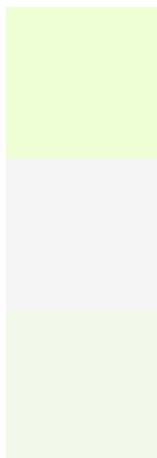
Original Color
98, 22.205, 124.855

Protanomaly
98, 13.225, 112.321

Deuteranomaly
98, 8.650, 111.893

Tritanomaly
98, 6.003, 130.481

Monochromacy



Original Color
98, 22.205, 124.855

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 7.951, 125.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 22.205, 124.855 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(238, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 213)  
}
```

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(238, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 22.205, 124.855 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(238, 255, 213) }
```

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

```
.border{ border-color:rgb(238, 255, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 22.205, 124.855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 213) }
```

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

```
.background{ background-color: rgb(238,  
255, 213) }
```

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