

Converting Colors

CIELCh(100, 30.858, 127.535)

Have a look what the booklet for
CIELCh(100, 30.858, 127.535)
contains.

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Color

CIElCh(98, 25.324, 124.397)

Conversions

Conversions Part 1

Format	Color
Hex	EDFFD0
RGB	237, 255, 208
RGB Percent	93%, 100%, 82%
CMY	0.0697, 0.0000, 0.1836
CMYK	0.07, 0.00, 0.18, 0.00
HSL	83°, 100%, 91%
HSV	83°, 18%, 100%
XYZ	82.5626, 94.9163, 73.7662
YIQ	244.2600, 4.3590, -18.4330

Conversions

Conversions Part 2

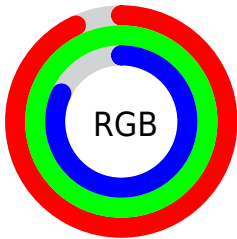
Format	Color
R _Y B	208, 255, 226
Decimal	15597520
CIE Lab	98.00, -14.31, 20.90
CIE LCh	98, 25.324, 124.397
Yxy	94.9163, 0.3286, 0.3778
Android (android.graphics.Color)	4293787600 (0xFFEDFFD0)
YUV	244.2600, -17.8762, -6.3670
Hunter-Lab	97.4250, -19.2242, 23.3055

Details

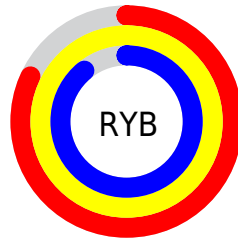
The CIELCh color **98, 25.324, 124.397** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 25.414, 305.781**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 24.789, 123.522** is the 20% darker color. If you saturate the color by 10%, you get **97, 37.912, 123.279**, and if you desaturate by 10%, it is **99, 11.208, 124.348**.

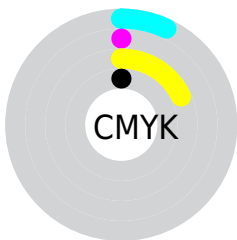
Distribution



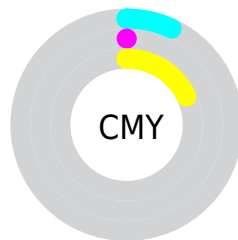
- Red (93%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (89%)



- Cyan (7%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 25.324, 124.397 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, 25.324, 124.397 by changing the saturation by 10% instead.


 98, 25.324,
124.397


 98, 25.324,
124.397


 100, 25.324,
124.397


 88, 25.324,
124.397

 78, 25.324,
124.397

 68, 25.324,
124.397

 58, 25.324,
124.397

 48, 25.324,
124.397

 38, 25.324,
124.397

 28, 25.324,

124.397

■ 18, 25.324,
124.397

■ 8, 25.324, 124.397

■ 98, 25.324,
124.397

■ 98, 25.324,
124.397

■ 97, 37.912,
123.279

■ 99, 11.208,
124.348

■ 96, 50.949,
122.757

100, 0.012,
296.813

■ 95, 63.512,
122.289

■ 94, 75.287,
121.933

■ 93, 85.820,
121.777

■ 92, 94.532,
121.937

■ 92, 100.852,
122.536

■ 91, 104.610,
123.625

■ 91, 105.107,
123.822

Harmonies

Complementary

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



98, 25.324, 124.397



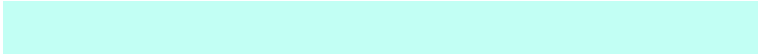
86, 25.414, 305.781

Rectangle

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



98, 25.324, 124.397



98, 25.324, 174.397



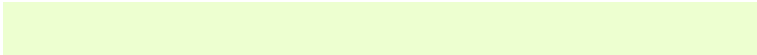
98, 25.324, 304.397



98, 25.324, 354.397

Sweetspot

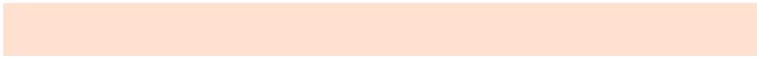
The Sweet Spot groups the original color and five complimentary colors.



98, 24.617, 123.816



99, 8.043, 124.473



92, 14.268, 58.119



53, 5.336, 124.438



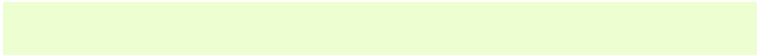
0, 0.000, 0.000



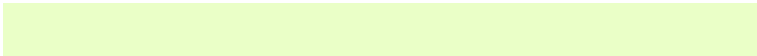
53, 0.007, 296.813

Same Dimension

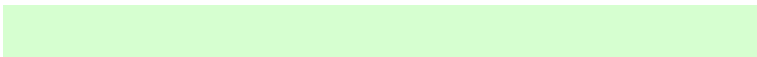
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 24.617, 123.816



97, 29.482, 123.620



96, 28.082, 139.790



53, 7.627, 124.288



70, 84.473, 123.543



24, 37.764, 122.014

Inverse Universe

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



86, 25.414, 305.781



84, 30.639, 306.011



88, 28.247, 321.628



49, 7.759, 305.258



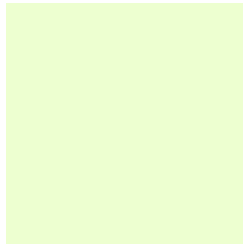
27, 103.090, 309.491



5, 44.875, 309.670

Previews

White Background



This preview shows how the CIELCh color 98, 25.324, 124.397 looks on a white background.

Color Contrast Check

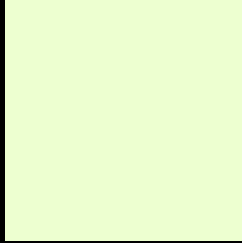
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 98, 25.324, 124.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

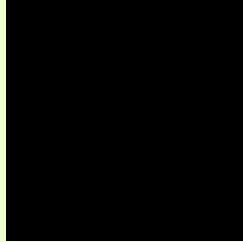
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

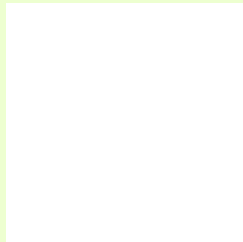
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 25.324, 124.397

Background



This preview shows how black text looks on a background with the CIELCh color 98, 25.324, 124.397.



This preview shows how white text looks on a background with the CIELCh color 98, 25.324, 124.397.

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

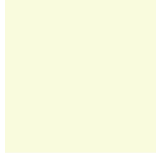


Tritanopia
98, 3.594, 284.940

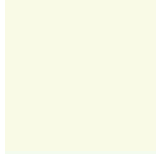
Trichromacy



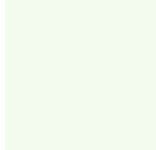
Original Color
98, 24.733, 123.933



Protanomaly
98, 15.248, 111.763

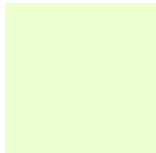


Deuteranomaly
98, 10.172, 111.431

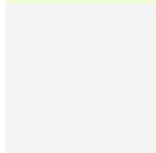


Tritanomaly
98, 7.223, 132.804

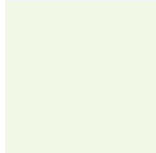
Monochromacy



Original Color
98, 24.733, 123.933



Achromatopsia
96, 0.011, 296.813



Achromatomaly
97, 8.943, 123.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 25.324, 124.397 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 25.324, 124.397 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, 208) }
```

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

```
.border{ border-color:rgb(237, 255, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 255, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 255, 208); box-shadow:4px 4px 4px 4px rgb(237, 255, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 25.324, 124.397 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, 208) }
```

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

```
.background{ background-color: rgb(237,  
255, 208) }
```

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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