

Converting Colors

CIELCh(100, 33.984, 116.086)

Have a look what the booklet for
CIELCh(100, 33.984, 116.086)
contains.

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Color

CIElCh(98, 30.329, 112.169)

Conversions

Conversions Part 1

Format	Color
Hex	F8FEC2
RGB	248, 254, 194
RGB Percent	97%, 100%, 76%
CMY	0.0266, 0.0031, 0.2383
CMYK	0.02, 0.00, 0.24, 0.00
HSL	66°, 97%, 88%
HSV	66°, 24%, 100%
XYZ	84.0573, 94.9163, 65.0725
YIQ	245.3660, 15.6840, -19.9320

Conversions

Conversions Part 2

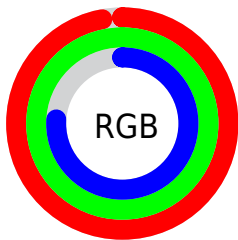
Format	Color
RYB	194, 254, 200
Decimal	16318146
CIELab	98.00, -11.44, 28.09
CIELCh	98, 30.329, 112.169
Yxy	94.9163, 0.3444, 0.3889
Android (android.graphics.Color)	4294508226 (0xFFFF8FEC2)
YUV	245.3660, -25.3234, 2.3100
Hunter-Lab	97.4250, -16.4856, 28.5962

Details

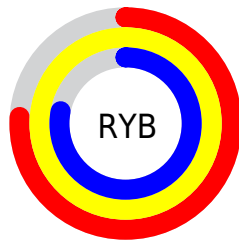
The CIELCh color **98, 30.329, 112.169** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 32.049, 296.416**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **78, 30.167, 111.986** is the 20% darker color. If you saturate the color by 10%, you get **97, 42.891, 111.353**, and if you desaturate by 10%, it is **99, 17.541, 113.002**.

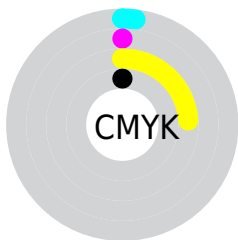
Distribution



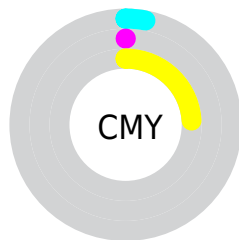
- Red (97%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)




- Cyan (3%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 30.329, 112.169 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, 30.329, 112.169 by changing the saturation by 10% instead.


 98, 30.329,
112.169


 98, 30.329,
112.169


 100, 30.329,
112.169


 88, 30.329,
112.169

 78, 30.329,
112.169

 68, 30.329,
112.169

 58, 30.329,
112.169

 48, 30.329,
112.169

 38, 30.329,
112.169

 28, 30.329,

112.169

■ 18, 30.329,
112.169

■ 8, 30.329, 112.169

■ 98, 30.329,
112.169

■ 98, 30.329,
112.169

■ 97, 42.891,
111.353

■ 99, 17.541,
113.002

■ 97, 55.045,
110.569

■ 99, 4.635, 113.818

■ 96, 66.527,
109.856

100, 0.497,
323.836

■ 96, 76.935,
109.263

■ 96, 85.725,
108.854

■ 95, 92.273,
108.698

■ 95, 96.132,
108.852

■ 95, 97.403,
109.091

Harmonies

Complementary

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



98, 30.329, 112.169



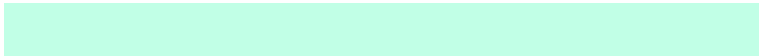
81, 32.049, 296.416

Rectangle

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



98, 30.329, 112.169



98, 30.329, 162.169



98, 30.329, 292.169



98, 30.329, 342.169

Sweetspot

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



98, 30.331, 112.173



99, 9.066, 113.543



85, 21.005, 29.449



53, 5.891, 113.494



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

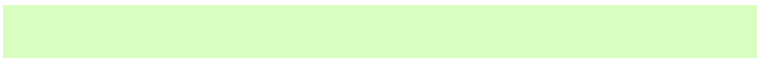
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 30.331, 112.173



98, 35.996, 111.808



96, 33.250, 131.421



53, 7.362, 113.338



74, 78.618, 108.988



25, 35.678, 108.495

Inverse Universe

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



81, 32.049, 296.416



78, 38.485, 296.947



83, 34.099, 313.520



49, 7.527, 294.944



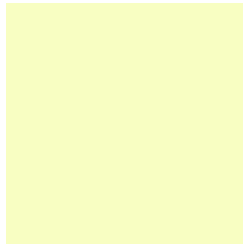
23, 107.222, 306.608



4, 44.360, 303.721

Previews

White Background



This preview shows how the CIELCh color 98, 30.329, 112.169 looks on a white background.

Color Contrast Check

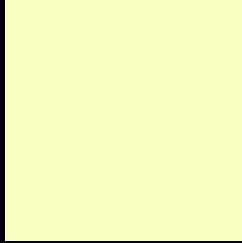
Large Text (above 18pt) WCAG AA × Fail

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, 30.329, 112.169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

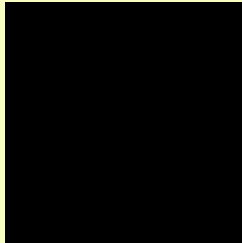
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 30.329, 112.169

Background



This preview shows how black text looks on a background with the CIELCh color 98, 30.329, 112.169.

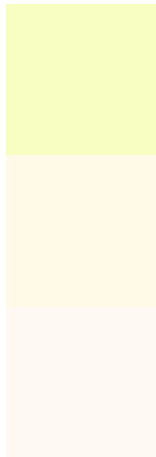


This preview shows how white text looks on a background with the CIELCh color 98, 30.329, 112.169.

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, 30.350, 112.162

Protanopia
98, 8.893, 95.390

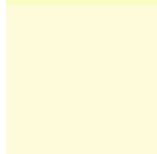
Deuteranopia
98, 3.537, 65.249

Tritanopia
98, 3.859, 311.595

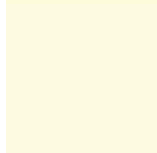
Trichromacy



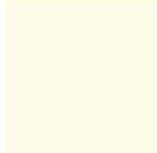
Original Color
98, 30.350, 112.162



Protanomaly
98, 16.750, 106.376

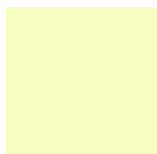


Deuteranomaly
98, 12.736, 104.274

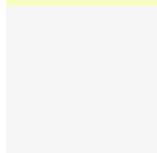


Tritanomaly
98, 8.641, 107.125

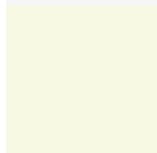
Monochromacy



Original Color
98, 30.350, 112.162



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 11.218, 113.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 30.329, 112.169 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(248, 254, 194)` looks like.

```
.text, #text, p{  
    color:rgb(248, 254, 194)  
}
```

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(248, 254, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 254, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 30.329, 112.169 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(248, 254, 194) }
```

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

```
.border{ border-color:rgb(248, 254, 194) }
```

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

Here you see how a box with a 4 pixel rgb(248, 254, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 254, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 254, 194);  
box-shadow:4px 4px 4px 4px rgb(248, 254,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 30.329, 112.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 254, 194) }
```

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

```
.background{ background-color: rgb(248,  
254, 194) }
```

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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