

Converting Colors

CIELCh(98, 24.514, 108.856)

Have a look what the booklet for
CIELCh(98, 24.514, 108.856)
contains.

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Color

CIElCh(98, 24.285, 108.319)

Conversions

Conversions Part 1

Format	Color
Hex	FCFCCC
RGB	252, 252, 204
RGB Percent	99%, 99%, 80%
CMY	0.0107, 0.0106, 0.1989
CMYK	0.00, 0.00, 0.19, 0.01
HSL	60°, 90%, 90%
HSV	60°, 19%, 99%
XYZ	86.0759, 94.9163, 71.0803
YIQ	246.5280, 15.4080, -14.9280

Conversions

Conversions Part 2

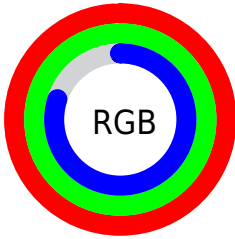
Format	Color
R_{YB}	204, 252, 204
Decimal	16579788
CIE _{Lab}	98.00, -7.63, 23.05
CIE _{LCh}	98, 24.285, 108.319
Yxy	94.9163, 0.3415, 0.3765
Android (android.graphics.Color)	4294769868 (0xFFFCFCCC)
YUV	246.5280, -20.9663, 4.7989
Hunter-Lab	97.4250, -12.7873, 24.9401

Details

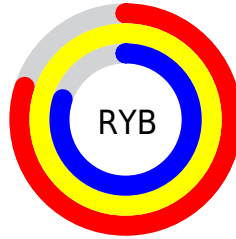
The CIELCh color **98, 24.285, 108.319** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 25.387, 292.335**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 23.853, 107.959** is the 20% darker color. If you saturate the color by 10%, you get **98, 36.848, 107.349**, and if you desaturate by 10%, it is **99, 11.556, 109.300**.

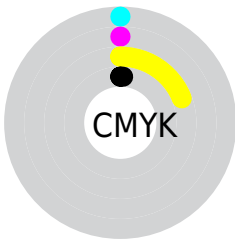
Distribution



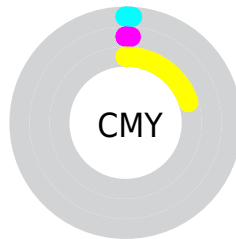
- Red (99%)
- Green (99%)
- Blue (80%)



- Red (80%)
- Yellow (99%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)





- Cyan (1%)
- Magenta (1%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 24.285, 108.319 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, 24.285, 108.319 by changing the saturation by 10% instead.


 98, 24.285,
108.319


 98, 24.285,
108.319

 100, 24.285,
108.319


 88, 24.285,
108.319

 78, 24.285,
108.319

 68, 24.285,
108.319

 58, 24.285,
108.319

 48, 24.285,
108.319

 38, 24.285,
108.319

 28, 24.285,

108.319

■ 18, 24.285,
108.319

■ 8, 24.285, 108.319

■ 98, 24.285,
108.319

■ 98, 24.285,
108.319

■ 98, 36.848,
107.349

■ 99, 11.556,
109.300

■ 97, 49.097,
106.395

■ 99, 1.254, 290.335

■ 99, 1.392, 290.366

■ 97, 60.809,
105.489

■ 99, 1.392, 290.394

■ 97, 71.645,
104.661

■ 99, 1.392, 290.421

96, 81.119,
103.950

99, 1.392, 290.448

96, 88.623,
103.397

99, 1.392, 290.476

96, 93.592,
103.038

99, 1.392, 290.503

96, 95.958,
102.869

99, 1.392, 290.530

96, 96.127,
102.857

Harmonies

Complementary

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



98, 24.285, 108.319



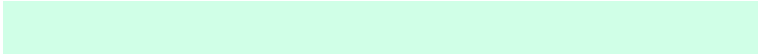
84, 25.387, 292.335

Rectangle

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



98, 24.285, 108.319



98, 24.285, 158.319



98, 24.285, 288.319



98, 24.285, 338.319

Sweetspot

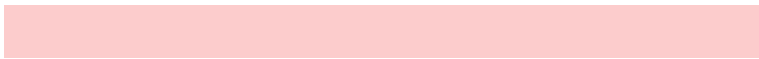
The Sweet Spot groups the original color and five complimentary colors.



98, 24.287, 108.324



100, 7.745, 109.591



86, 18.108, 20.758



53, 5.137, 109.529



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

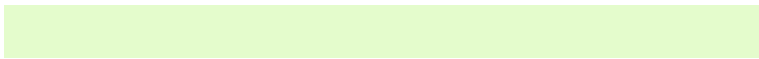
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 24.287, 108.324



99, 29.554, 107.934



96, 25.981, 128.199



52, 7.217, 109.255



74, 77.279, 102.857



25, 34.379, 103.079

Inverse Universe

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



84, 25.387, 292.335



81, 31.208, 292.878



85, 26.672, 309.962



48, 7.380, 291.174



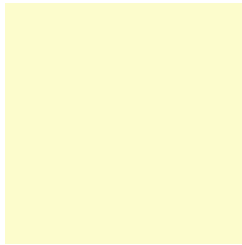
23, 106.708, 306.287



3, 42.026, 300.808

Previews

White Background



This preview shows how the CIE LCh color 98, 24.285, 108.319 looks on a white background.

Color Contrast Check

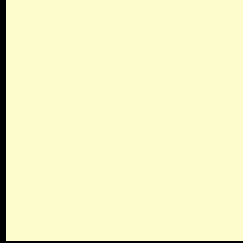
Large Text (above 18pt) WCAG AA × Fail

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, 24.285, 108.319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

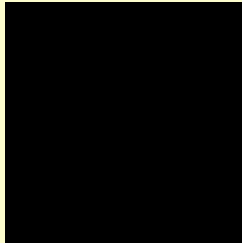
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 24.285, 108.319

Background



This preview shows how black text looks on a background with the CIELCh color 98, 24.285, 108.319.

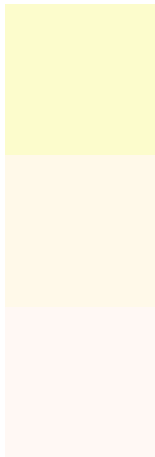


This preview shows how white text looks on a background with the CIELCh color 98, 24.285, 108.319.

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, 24.285, 108.319

Protanopia
98, 8.400, 94.603

Deuteranopia
98, 3.192, 58.882

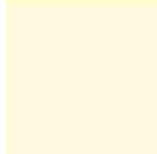


Tritanopia
98, 4.791, 321.097

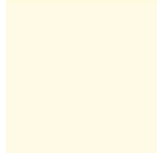
Trichromacy



Original Color
98, 24.285, 108.319



Protanomaly
98, 13.779, 103.025



Deuteranomaly
98, 10.251, 101.268

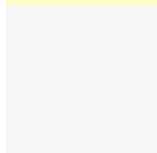


Tritanomaly
98, 6.252, 96.449

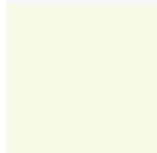
Monochromacy



Original Color
98, 24.285, 108.319



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 9.153, 109.471

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 24.285, 108.319 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(252, 252, 204)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 204)  
}
```

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(252, 252, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 24.285, 108.319 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(252, 252, 204) }
```

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

```
.border{ border-color:rgb(252, 252, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 252, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 204);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 24.285, 108.319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 204) }
```

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

```
.background{ background-color: rgb(252,  
252, 204) }
```

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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