

Converting Colors

CIELCh(100, 23.110, 124.003)

Have a look what the booklet for
CIELCh(100, 23.110, 124.003)
contains.

CIELCh(98, 19.679, 120.529)	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, 19.679, 120.529)

Conversions

Conversions Part 1

Format	Color
Hex	F3FED8
RGB	243, 254, 216
RGB Percent	95%, 100%, 85%
CMY	0.0470, 0.0038, 0.1527
CMYK	0.04, 0.00, 0.15, 0.00
HSL	77°, 95%, 92%
HSV	77°, 15%, 100%
XYZ	84.8204, 94.9163, 78.8487
YIQ	246.3790, 5.6420, -14.1500

Conversions

Conversions Part 2

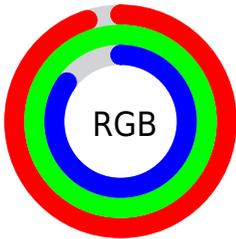
Format	Color
R_{YB}	216, 254, 227
Decimal	15990488
CIE Lab	98.00, -10.00, 16.95
CIE LCh	98, 19.679, 120.529
Yxy	94.9163, 0.3280, 0.3671
Android (android.graphics.Color)	4294180568 (0xFFFF3FED8)
YUV	246.3790, -14.9768, -2.9634
Hunter-Lab	97.4250, -15.0875, 20.2124

Details

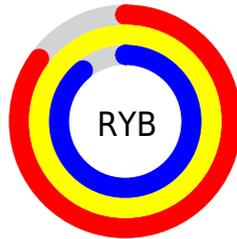
The CIELCh color **98, 19.679, 120.529** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 20.267, 302.359**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 19.523, 119.880** is the 20% darker color. If you saturate the color by 10%, you get **97, 32.748, 119.927**, and if you desaturate by 10%, it is **99, 6.515, 121.133**.

Distribution



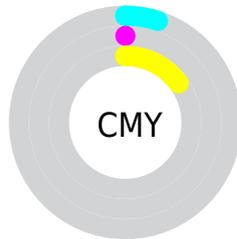
- Red (95%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 19.679, 120.529 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, 19.679, 120.529 by changing the saturation by 10% instead.

 98, 19.679,
120.529

 98, 19.679,
120.529

 100, 19.679,
120.529

 88, 19.679,
120.529

 78, 19.679,
120.529

 68, 19.679,
120.529

 58, 19.679,
120.529

 48, 19.679,
120.529

 38, 19.679,
120.529

 28, 19.679,

120.529

■ 18, 19.679,
120.529

■ 8, 19.679, 120.529

■ 98, 19.679,
120.529

■ 98, 19.679,
120.529

■ 97, 32.748,
119.927

■ 99, 6.515, 121.133

■ 96, 45.592,
119.332

100, 0.614,
323.959

■ 95, 58.029,
118.779

■ 94, 69.783,
118.317

■ 94, 80.450,
118.018

■ 93, 89.483,
117.978

■ 93, 96.280,
118.313

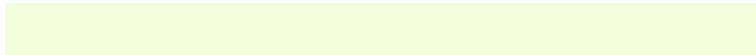
■ 92, 100.445,
119.112

■ 92, 101.773,
119.651

Harmonies

Complementary

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



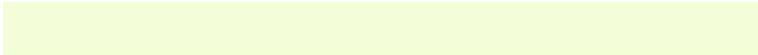
98, 19.679, 120.529



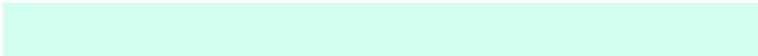
88, 20.267, 302.359

Rectangle

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



98, 19.679, 120.529



98, 19.679, 170.529



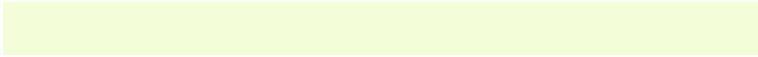
98, 19.679, 300.529



98, 19.679, 350.529

Sweetspot

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



98, 19.681, 120.533



100, 5.279, 121.190



92, 11.528, 48.598



53, 3.753, 121.145



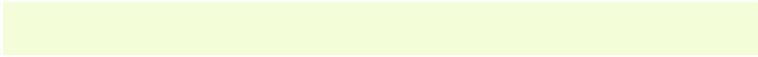
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

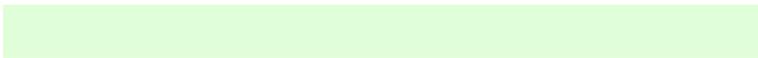
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 19.681, 120.533



98, 23.756, 120.348



97, 22.189, 137.608



53, 7.511, 120.860



71, 82.087, 119.407



24, 36.880, 118.064

Inverse Universe

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



88, 20.267, 302.359



86, 24.613, 302.578



90, 22.371, 318.961



49, 7.657, 301.989



26, 104.805, 308.173



5, 44.734, 307.467

Previews

White Background



This preview shows how the CIE LCh color 98, 19.679, 120.529 looks on a white background.

Color Contrast Check

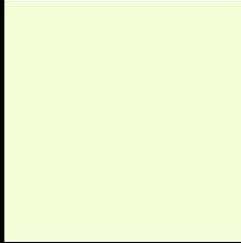
Large Text (above 18pt) WCAG AA × Fail

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, 19.679, 120.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

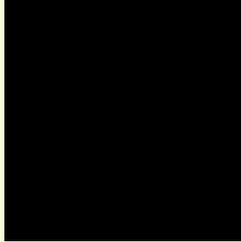
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 19.679, 120.529

Background



This preview shows how black text looks on a background with the CIELCh color 98, 19.679, 120.529.

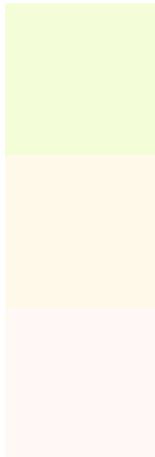


This preview shows how white text looks on a background with the CIELCh color 98, 19.679, 120.529.

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, 19.694, 120.526

Protanopia
98, 8.400, 94.603

Deuteranopia
98, 2.896, 51.088

Tritanopia
98, 3.658, 301.411

Trichromacy



Original Color
98, 19.694, 120.526

Protanomaly
98, 12.183, 109.246

Deuteranomaly
98, 8.134, 107.018

Tritanomaly
98, 4.706, 122.870

Monochromacy



Original Color
98, 19.694, 120.526

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 7.279, 120.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 19.679, 120.529 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(243, 254, 216)` looks like.

```
.text, #text, p{  
    color:rgb(243, 254, 216)  
}
```

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(243, 254, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 254, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 19.679, 120.529 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(243, 254, 216) }
```

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

```
.border{ border-color:rgb(243, 254, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 254, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 254, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 254, 216);  
box-shadow:4px 4px 4px 4px rgb(243, 254,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 19.679, 120.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 254, 216) }
```

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

```
.background{ background-color: rgb(243,  
254, 216) }
```

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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