

Converting Colors

CIELCh(98, 23.472, 116.845)

Have a look what the booklet for
CIELCh(98, 23.472, 116.845)
contains.

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Color

CIElCh(98, 23.522, 116.570)

Conversions

Conversions Part 1

Format	Color
Hex	F5FED0
RGB	245, 254, 208
RGB Percent	96%, 100%, 82%
CMY	0.0389, 0.0036, 0.1840
CMYK	0.04, 0.00, 0.18, 0.00
HSL	72°, 96%, 91%
HSV	72°, 18%, 100%
XYZ	84.5433, 94.9163, 73.5876
YIQ	246.0650, 9.4020, -16.2140

Conversions

Conversions Part 2

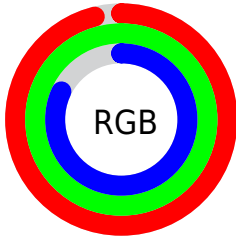
Format	Color
R_{YB}	208, 254, 217
Decimal	16121552
CIE _{Lab}	98.00, -10.52, 21.04
CIE _{LCh}	98, 23.522, 116.570
Yxy	94.9163, 0.3341, 0.3751
Android (android.graphics.Color)	4294311632 (0xFFFF5FED0)
YUV	246.0650, -18.7660, -0.9340
Hunter-Lab	97.4250, -15.5952, 23.4142

Details

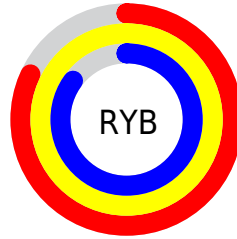
The CIELCh color **98, 23.522, 116.570** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 24.464, 299.234**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 23.592, 116.661** is the 20% darker color. If you saturate the color by 10%, you get **97, 36.345, 115.871**, and if you desaturate by 10%, it is **99, 10.552, 117.275**.

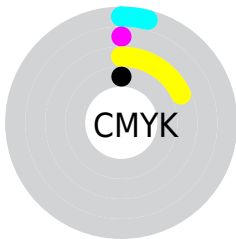
Distribution



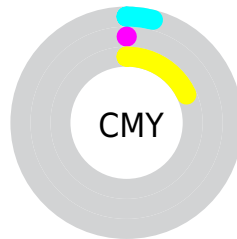
- Red (96%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (85%)



- Cyan (4%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 23.522, 116.570 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, 23.522, 116.570 by changing the saturation by 10% instead.


 98, 23.522,
116.570


 98, 23.522,
116.570


 100, 23.522,
116.570


 88, 23.522,
116.570

 78, 23.522,
116.570

 68, 23.522,
116.570

 58, 23.522,
116.570

 48, 23.522,
116.570

 38, 23.522,
116.570

 28, 23.522,

116.570

■ 18, 23.522,
116.570

■ 8, 23.522, 116.570

■ 98, 23.522,
116.570

■ 98, 23.522,
116.570

■ 97, 36.345,
115.871

■ 99, 10.552,
117.275

■ 96, 48.876,
115.188

■ 100, 0.579,
323.927

■ 96, 60.907,
114.560

■ 95, 72.121,
114.035

■ 95, 82.060,
113.684

■ 94, 90.136,
113.596

■ 94, 95.765,
113.864

■ 93, 98.756,
114.535

■ 93, 99.173,
114.683

Harmonies

Complementary

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



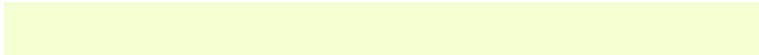
98, 23.522, 116.570



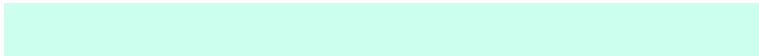
86, 24.464, 299.234

Rectangle

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



98, 23.522, 116.570



98, 23.522, 166.570



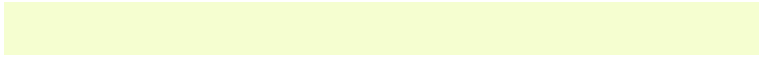
98, 23.522, 296.570



98, 23.522, 346.570

Sweetspot

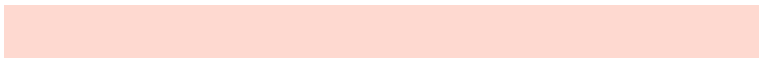
The Sweet Spot groups the original color and five complimentary colors.



98, 23.524, 116.574



100, 6.525, 117.491



89, 14.805, 37.401



53, 4.452, 117.442



0, 0.000, 0.000



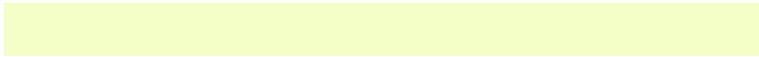
53, 0.007, 296.813

Same Dimension

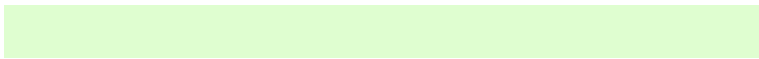
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 23.524, 116.574



98, 28.624, 116.299



96, 26.112, 134.393



53, 7.421, 117.178



72, 80.033, 114.498



25, 36.152, 113.505

Inverse Universe

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



86, 24.464, 299.234



83, 30.037, 299.588



87, 26.499, 315.971



49, 7.579, 298.520



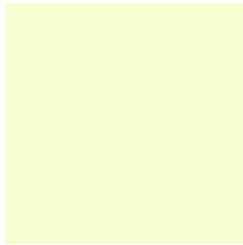
24, 106.240, 307.207



4, 44.549, 305.465

Previews

White Background



This preview shows how the CIELCh color 98, 23.522, 116.570 looks on a white background.

Color Contrast Check

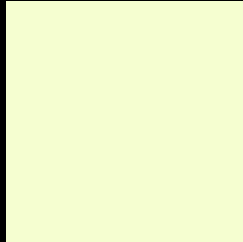
Large Text (above 18pt) WCAG AA × Fail

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, 23.522, 116.570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

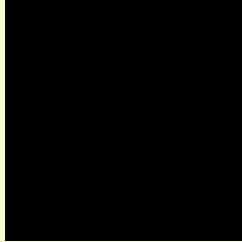
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

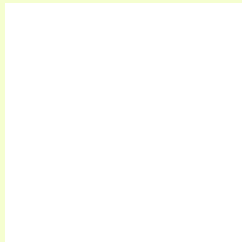
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 23.522, 116.570

Background



This preview shows how black text looks on a background with the CIELCh color 98, 23.522, 116.570.

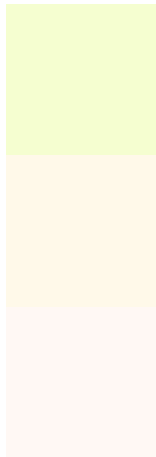


This preview shows how white text looks on a background with the CIELCh color 98, 23.522, 116.570.

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, 23.522, 116.570

Protanopia
98, 8.400, 94.603

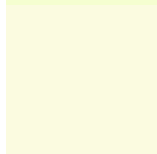
Deuteranopia
98, 3.192, 58.882

Tritanopia
98, 3.744, 306.635

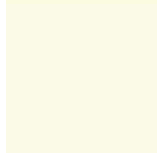
Trichromacy



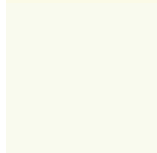
Original Color
98, 23.522, 116.570



Protanomaly
98, 13.704, 109.129

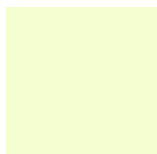


Deuteranomaly
98, 9.657, 107.293

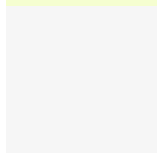


Tritanomaly
98, 6.111, 113.048

Monochromacy



Original Color
98, 23.522, 116.570



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 8.725, 116.602

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 23.522, 116.570 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(245, 254, 208)` looks like.

```
.text, #text, p{  
    color:rgb(245, 254, 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(245, 254, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 254, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 23.522, 116.570 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(245, 254, 208) }
```

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

```
.border{ border-color:rgb(245, 254, 208) }
```

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

Here you see how a box with a 4 pixel rgb(245, 254, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 254, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 254, 208);  
box-shadow:4px 4px 4px 4px rgb(245, 254,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 23.522, 116.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 254, 208) }
```

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

```
.background{ background-color: rgb(245,  
254, 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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