

Converting Colors

CIELCh(100, 62.279, 110.890)

Have a look what the booklet for
CIELCh(100, 62.279, 110.890)
contains.

CIELCh(98, 57.727, 107.750)	3
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Color

CIELCh(98, 57.727, 107.750)

Conversions

Conversions Part 1

Format	Color
Hex	FBFF8B
RGB	251, 255, 139
RGB Percent	98%, 100%, 55%
CMY	0.0138, 0.0000, 0.4535
CMYK	0.01, 0.00, 0.45, 0.00
HSL	62°, 100%, 77%
HSV	62°, 45%, 100%
XYZ	80.8648, 94.9163, 38.6197
YIQ	240.5800, 34.8520, -36.9240

Conversions

Conversions Part 2

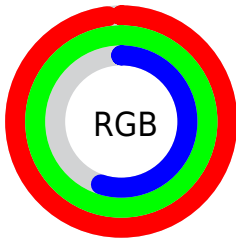
Format	Color
RYB	139, 255, 143
Decimal	16514955
CIELab	98.00, -17.60, 54.98
CIELCh	98, 57.727, 107.750
Yxy	94.9163, 0.3772, 0.4427
Android (android.graphics.Color)	4294705035 (0xFFFFBFF8B)
YUV	240.5800, -50.0789, 9.1383
Hunter-Lab	97.4250, -22.3348, 44.6946

Details

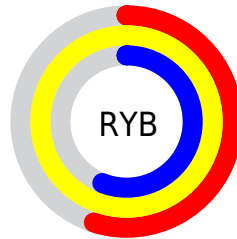
The CIELCh color **98, 57.727, 107.750** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **63, 64.568, 297.460**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 30.724, 107.841**, and **78, 56.888, 107.069** is the 20% darker color. If you saturate the color by 10%, you get **97, 68.391, 106.414**, and if you desaturate by 10%, it is **98, 45.040, 108.104**.

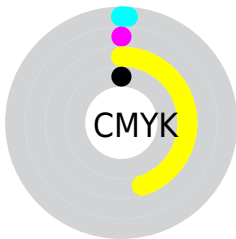
Distribution



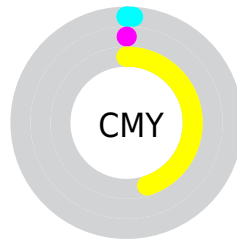
- Red (98%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (56%)



- Cyan (1%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 57.727, 107.750 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, 57.727, 107.750 by changing the saturation by 10% instead.


 98, 57.727,
107.750


 98, 57.727,
107.750


 100, 57.727,
107.750


 88, 57.727,
107.750

 78, 57.727,
107.750

 68, 57.727,
107.750

 58, 57.727,
107.750

 48, 57.727,
107.750

 38, 57.727,
107.750

 28, 57.727,

107.750

■ 18, 57.727,
107.750

■ 8, 57.727, 107.750

■ 98, 57.727,
107.750

■ 98, 57.727,
107.750

■ 97, 68.391,
106.414

■ 98, 45.040,
108.104

■ 97, 78.521,
105.716

■ 98, 32.546,
109.022

■ 97, 86.899,
105.177

■ 99, 19.795,
109.953

■ 97, 92.908,
104.848

■ 100, 6.910,
110.876

■ 97, 96.174,
104.755

100, 0.012,
296.813

■ 97, 96.990,
104.772

Harmonies

Complementary

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



98, 57.727, 107.750



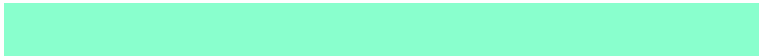
63, 64.568, 297.460

Rectangle

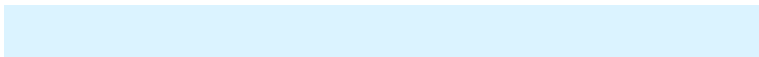
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 57.727, 107.750



98, 57.727, 157.750



98, 57.727, 287.750



98, 57.727, 337.750

Sweetspot

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



98, 57.086, 107.224



99, 18.060, 110.079



71, 47.221, 25.392



53, 12.460, 109.878



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

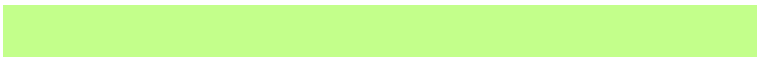
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 57.086, 107.224



97, 66.921, 106.518



94, 61.900, 127.522



53, 7.341, 110.496



75, 78.118, 104.739



26, 35.532, 104.681

Inverse Universe

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



63, 64.568, 297.460



56, 78.214, 299.126



68, 66.011, 311.910



49, 7.507, 292.319



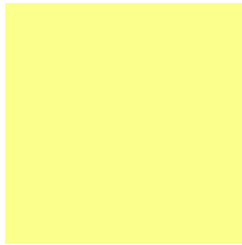
23, 107.629, 306.373



3, 44.202, 302.376

Previews

White Background



This preview shows how the CIE LCh color 98, 57.727, 107.750 looks on a white background.

Color Contrast Check

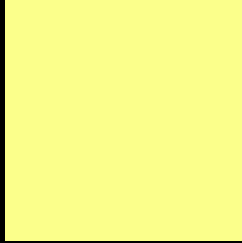
Large Text (above 18pt) WCAG AA × Fail

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, 57.727, 107.750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

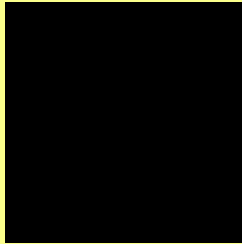
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 57.727, 107.750

Background



This preview shows how black text looks on a background with the CIELCh color 98, 57.727, 107.750.



This preview shows how white text looks on a background with the CIELCh color 98, 57.727, 107.750.

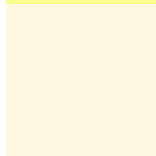
Color Blindness Simulation

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](#).

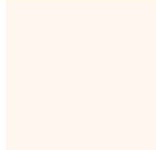
Dichromacy



Original Color
98, 57.255, 107.400



Protanopia
98, 12.457, 97.367

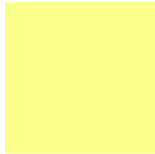


Deuteranopia
98, 4.955, 74.563



Tritanopia
97, 5.418, 330.704

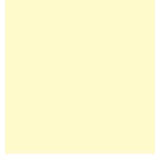
Trichromacy



Original Color
98, 57.255, 107.400



Protanomaly
98, 29.330, 105.689

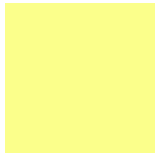


Deuteranomaly
98, 23.857, 104.727

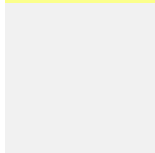


Tritanomaly
97, 18.869, 103.074

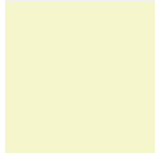
Monochromacy



Original Color
98, 57.255, 107.400



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 21.369, 109.517

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 57.727, 107.750 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(251, 255, 139)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 139)  
}
```

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(251, 255, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 57.727, 107.750 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(251, 255, 139) }
```

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

```
.border{ border-color:rgb(251, 255, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 255, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 139);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 57.727, 107.750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 139) }
```

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

```
.background{ background-color: rgb(251,  
255, 139) }
```

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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