

Converting Colors

CIELCh(100, 71.858, 103.254)

Have a look what the booklet for
CIELCh(100, 71.858, 103.254)
contains.

CIELCh(98, 69.574, 104.857)	3
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Color

CIElCh(98, 69.574, 104.857)

Conversions

Conversions Part 1

Format	Color
Hex	FFFF70
RGB	255, 255, 112
RGB Percent	100%, 100%, 44%
CMY	0.0000, 0.0000, 0.5604
CMYK	0.00, 0.00, 0.56, 0.00
HSL	60°, 100%, 72%
HSV	60°, 56%, 100%
XYZ	80.7418, 94.9163, 29.4241
YIQ	238.6980, 45.9030, -44.4730

Conversions

Conversions Part 2

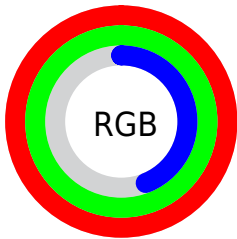
Format	Color
R _Y B	112, 255, 112
Decimal	16777072
CIE Lab	98.00, -17.84, 67.25
CIE LCh	98, 69.574, 104.857
Yxy	94.9163, 0.3937, 0.4628
Android (android.graphics.Color)	4294967152 (0xFFFFFFFF70)
YUV	238.6980, -62.4621, 14.2969
Hunter-Lab	97.4250, -22.5603, 50.2909

Details

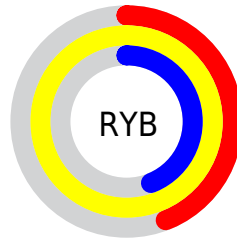
The CIELCh color **98, 69.574, 104.857** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **54, 81.526, 298.879**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 43.504, 106.854**, and **78, 69.111, 104.534** is the 20% darker color. If you saturate the color by 10%, you get **97, 79.133, 104.141**, and if you desaturate by 10%, it is **98, 57.873, 105.748**.

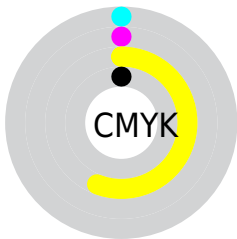
Distribution



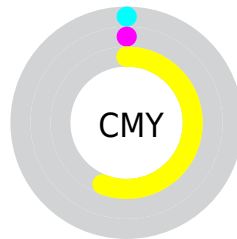
- Red (100%)
- Green (100%)
- Blue (44%)



- Red (44%)
- Yellow (100%)
- Blue (44%)



- Cyan (0%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 69.574, 104.857 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, 69.574, 104.857 by changing the saturation by 10% instead.


 98, 69.574,
104.857


 98, 69.574,
104.857


 100, 69.574,
104.857


 88, 69.574,
104.857

 78, 69.574,
104.857

 68, 69.574,
104.857

 58, 69.574,
104.857

 48, 69.574,
104.857

 38, 69.574,
104.857

 28, 69.574,

104.857

■ 18, 69.574,
104.857

■ 8, 69.574, 104.857

■ 98, 69.574,
104.857

■ 98, 69.574,
104.857

■ 97, 79.133,
104.141

■ 98, 57.873,
105.748

■ 97, 87.356,
103.537

■ 98, 45.868,
106.672

■ 97, 93.166,
103.118

■ 99, 33.400,
107.635

■ 97, 96.226,
102.900

■ 99, 20.666,
108.613

97, 96.910,
102.852

100, 7.792,
109.585

100, 0.012,
296.813

Harmonies

Complementary

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



98, 69.574, 104.857



54, 81.526, 298.879

Rectangle

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



98, 69.574, 104.857



98, 69.574, 154.857



98, 69.574, 284.857



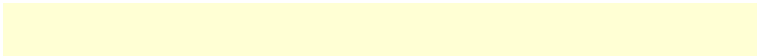
98, 69.574, 334.857

Sweetspot

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



98, 69.110, 104.892



99, 21.900, 108.519



65, 60.903, 26.641



53, 14.637, 108.322



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

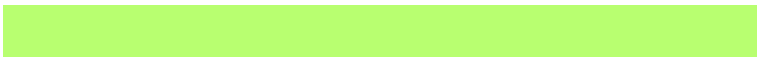
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 69.110, 104.892



97, 80.014, 104.076



93, 74.954, 126.527



53, 7.338, 109.250



75, 78.056, 102.852



26, 35.525, 102.993

Inverse Universe

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



54, 81.526, 298.879



46, 99.030, 301.331



61, 81.607, 311.935



49, 7.504, 291.174



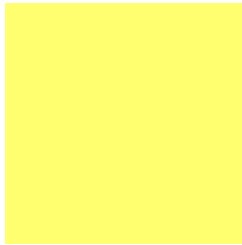
23, 107.781, 306.287



3, 44.127, 301.758

Previews

White Background



This preview shows how the CIELCh color 98, 69.574, 104.857 looks on a white background.

Color Contrast Check

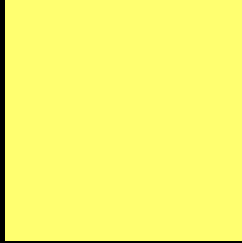
Large Text (above 18pt) WCAG AA × Fail

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, 69.574, 104.857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

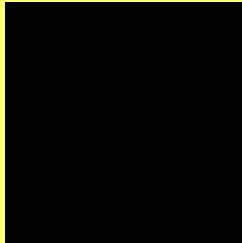
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 69.574, 104.857

Background



This preview shows how black text looks on a background with the CIELCh color 98, 69.574, 104.857.



This preview shows how white text looks on a background with the CIELCh color 98, 69.574, 104.857.

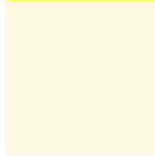
Color Blindness Simulation

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](#).

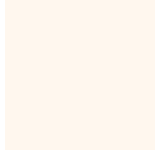
Dichromacy




Original Color
98, 69.155, 104.889



Protanopia
98, 12.457, 97.367

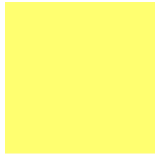


Deuteranopia
98, 5.382, 77.626



Tritanopia
97, 4.692, 338.831

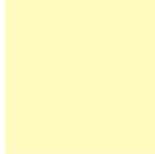
Trichromacy



Original Color
98, 69.155, 104.889



Protanomaly
98, 34.320, 104.958

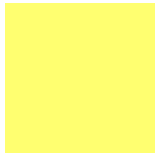


Deuteranomaly
97, 29.389, 104.190

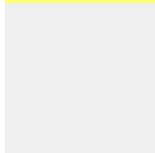


Tritanomaly
97, 24.934, 103.038

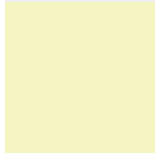
Monochromacy



Original Color
98, 69.155, 104.889



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 26.426, 108.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 69.574, 104.857 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(255, 255, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 112)  
}
```

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(255, 255, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 69.574, 104.857 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(255, 255, 112) }
```

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

```
.border{ border-color:rgb(255, 255, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 255, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 255, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 255, 112); box-shadow:4px 4px 4px 4px rgb(255, 255, 112) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 69.574, 104.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 112) }
```

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

```
.background{ background-color: rgb(255,  
255, 112) }
```

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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