

Converting Colors

CIELCh(98, 6.886, 302.712)

Have a look what the booklet for
CIELCh(98, 6.886, 302.712) contains.

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Color

CIELCh(98, 4.469, 313.399)

Conversions

Conversions Part 1

Format	Color
Hex	FDF8FF
RGB	253, 248, 255
RGB Percent	99%, 97%, 100%
CMY	0.0096, 0.0292, 0.0000
CMYK	0.01, 0.03, 0.00, 0.00
HSL	280°, 100%, 99%
HSV	280°, 3%, 100%
XYZ	91.9169, 94.9163, 108.5548
YIQ	250.2930, 0.7330, 3.2370

Conversions

Conversions Part 2

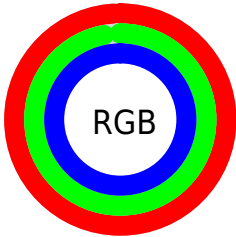
Format	Color
R _Y B	253, 248, 255
Decimal	16644351
CIE Lab	98.00, 3.07, -3.25
CIE LCh	98, 4.469, 313.399
Yxy	94.9163, 0.3112, 0.3213
Android (android.graphics.Color)	4294834431 (0xFFFDFF8FF)
YUV	250.2930, 2.3206, 2.3740
Hunter-Lab	97.4250, -2.0856, 2.1342

Details

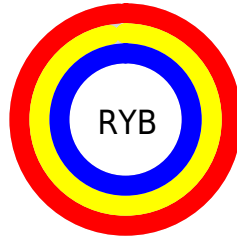
The CIELCh color 98, 4.469, 313.399 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 4.175, 134.762, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 3.553, 314.745 is the 20% darker color. If you saturate the color by 10%, you get 91, 18.808, 315.368, and if you desaturate by 10%, it is 100, 0.012, 296.813.

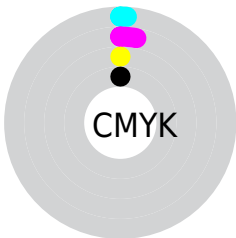
Distribution



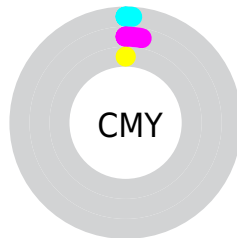
- Red (99%)
- Green (97%)
- Blue (100%)



- Red (99%)
- Yellow (97%)
- Blue (100%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 4.469, 313.399 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, 4.469, 313.399 by changing the saturation by 10% instead.

 98, 4.469, 313.399

 98, 4.469, 313.399

 100, 4.469,
313.399

 88, 4.469, 313.399

 78, 4.469, 313.399

 68, 4.469, 313.399

 58, 4.469, 313.399

 48, 4.469, 313.399

 38, 4.469, 313.399

 28, 4.469, 313.399

 18, 4.469, 313.399

 8, 4.469, 313.399

98, 4.469, 313.399

98, 4.469, 313.399

91, 18.808,
315.368

100, 0.012,
296.813

84, 33.695,
315.815

78, 48.724,
316.261

71, 63.656,
316.685

65, 78.116,
317.051

60, 91.550,
317.312

55, 103.225,
317.405

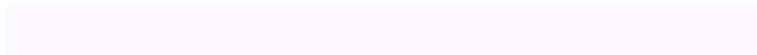
51, 112.319,
317.254

■ 48,118.170,
316.790

Harmonies

Complementary

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



98, 4.469, 313.399



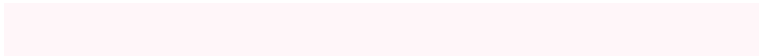
99, 4.175, 134.762

Rectangle

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



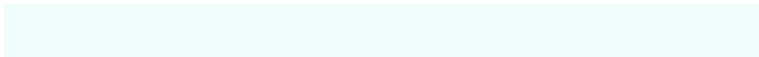
98, 4.469, 313.399



98, 4.469, 3.399



98, 4.469, 133.399



98, 4.469, 183.399

Sweetspot

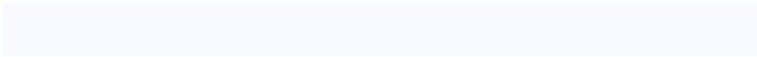
The Sweet Spot groups the original color and five complimentary colors.



98, 4.206, 314.904



99, 1.445, 314.731



98, 2.667, 271.598



53, 0.822, 314.722



0, 0.000, 0.000



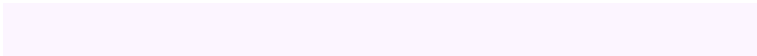
53, 0.007, 296.813

Same Dimension

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



98, 4.206, 314.904



97, 5.770, 314.963



98, 4.126, 329.481



51, 4.103, 315.000



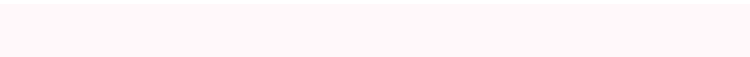
35, 96.982, 316.463



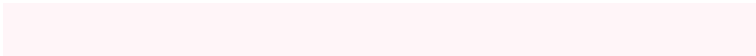
8, 44.285, 317.698

Inverse Universe

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



98, 2.915, 354.108



97, 4.003, 354.261



99, 4.105, 149.300



51, 2.849, 354.355



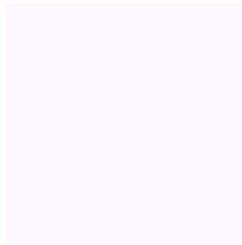
40, 69.798, 18.668



10, 31.361, 10.692

Previews

White Background



This preview shows how the CIE LCh color 98, 4.469, 313.399 looks on a white background.

Color Contrast Check

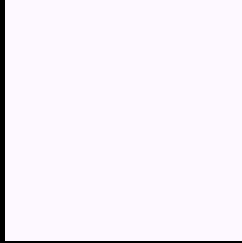
Large Text (above 18pt) WCAG AA × Fail

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, 4.469, 313.399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

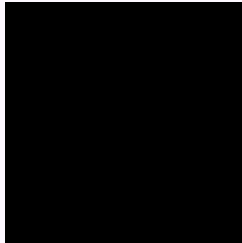
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 4.469, 313.399

Background



This preview shows how black text looks on a background with the CIELCh color 98, 4.469, 313.399.



This preview shows how white text looks on a background with the CIELCh color 98, 4.469, 313.399.

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, 4.002, 316.244

Protanopia

98, 3.859, 311.595

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.744, 306.635

Trichromacy



Original Color

98, 4.002, 316.244

Protanomaly

98, 3.859, 311.595

Deuteranomaly

98, 3.567, 333.789

Tritanomaly

98, 3.859, 311.595

Monochromacy



Original Color

98, 4.002, 316.244

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 1.700, 314.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 4.469, 313.399 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(253, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 248, 255)  
}
```

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(253, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 248, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 4.469, 313.399 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(253, 248, 255) }
```

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

```
.border{ border-color:rgb(253, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 248,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 4.469, 313.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 248, 255) }
```

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

```
.background{ background-color: rgb(253,  
248, 255) }
```

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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