

Converting Colors

CIELCh(98, 7.862, 281.758)

Have a look what the booklet for
CIELCh(98, 7.862, 281.758) contains.

CIELCh(98, 3.347, 266.028)	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, 3.347, 266.028)

Conversions

Conversions Part 1

Format	Color
Hex	F6FAFF
RGB	246, 250, 255
RGB Percent	96%, 98%, 100%
CMY	0.0368, 0.0211, 0.0000
CMYK	0.04, 0.02, 0.00, 0.00
HSL	214°, 100%, 98%
HSV	214°, 4%, 100%
XYZ	90.0874, 94.9163, 108.7046
YIQ	249.3740, -3.9890, 0.7070

Conversions

Conversions Part 2

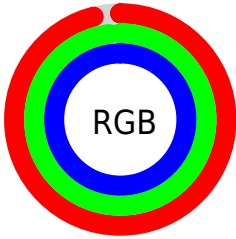
Format	Color
R _Y B	246, 249, 255
Decimal	16186111
CIE Lab	98.00, -0.23, -3.34
CIE LCh	98, 3.347, 266.028
Yxy	94.9163, 0.3067, 0.3232
Android (android.graphics.Color)	4294376191 (0xFF6FAFF)
YUV	249.3740, 2.7736, -2.9590
Hunter-Lab	97.4250, -5.4374, 2.0431

Details

The CIELCh color 98, 3.347, 266.028 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 3.058, 82.309, 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, 2.570, 256.059 is the 20% darker color. If you saturate the color by 10%, you get 93, 11.371, 264.843, and if you desaturate by 10%, it is 100, 0.012, 296.813.

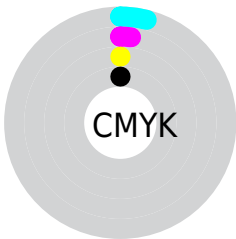
Distribution



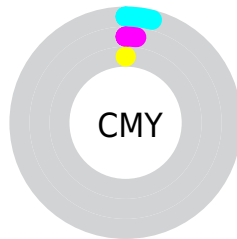
- Red (96%)
- Green (98%)
- Blue (100%)



- Red (96%)
- Yellow (98%)
- Blue (100%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 3.347, 266.028 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, 3.347, 266.028 by changing the saturation by 10% instead.

 98, 3.347, 266.028

 98, 3.347, 266.028

 100, 3.347,
266.028

 88, 3.347, 266.028

 78, 3.347, 266.028

 68, 3.347, 266.028

 58, 3.347, 266.028

 48, 3.347, 266.028

 38, 3.347, 266.028

 28, 3.347, 266.028

 18, 3.347, 266.028

 8, 3.347, 266.028

98, 3.347, 266.028

98, 3.347, 266.028

93, 11.371,
264.843

100, 0.012,
296.813

87, 19.699,
266.525

82, 28.030,
268.519

76, 36.360,
270.875

71, 44.701,
273.643

66, 53.091,
276.854

61, 61.592,
280.500

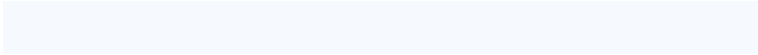
56, 70.282,
284.505

■ 52,79.207,
288.703

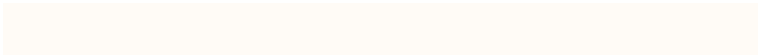
Harmonies

Complementary

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



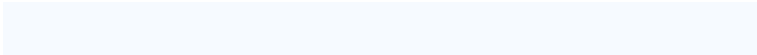
98, 3.347, 266.028



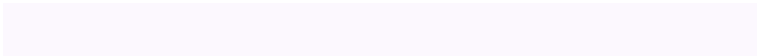
99, 3.058, 82.309

Rectangle

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



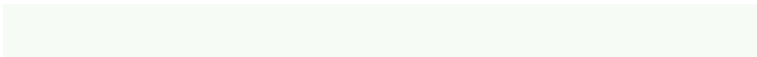
98, 3.347, 266.028



98, 3.347, 316.028



98, 3.347, 86.028



98, 3.347, 136.028

Sweetspot

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



98, 3.061, 263.491



99, 0.838, 263.464



99, 3.887, 167.221



53, 0.477, 263.481



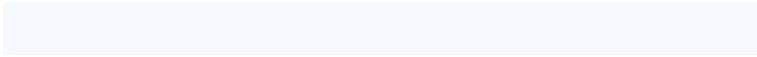
0, 0.000, 0.000



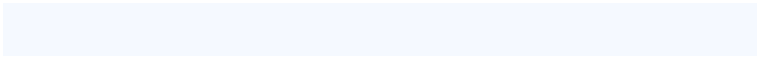
53, 0.007, 296.813

Same Dimension

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



98, 3.061, 263.491



98, 3.326, 263.524



97, 4.815, 293.135



52, 2.363, 263.607



37, 67.186, 290.544



10, 27.051, 284.596

Inverse Universe

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



98, 3.908, 347.976



97, 4.250, 348.015



100, 4.755, 112.475



52, 3.023, 348.102



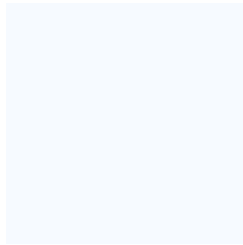
41, 68.078, 9.186



10, 31.377, 2.512

Previews

White Background



This preview shows how the CIE LCh color 98, 3.347, 266.028 looks on a white background.

Color Contrast Check

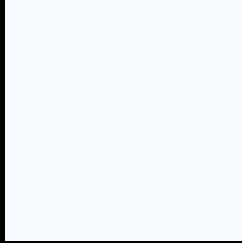
Large Text (above 18pt) WCAG AA × Fail

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, 3.347, 266.028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

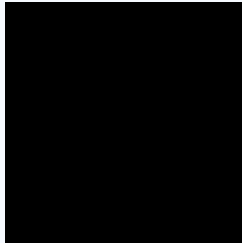
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

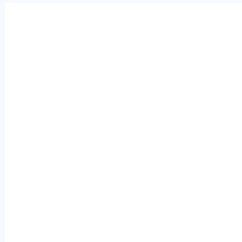
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 3.347, 266.028

Background



This preview shows how black text looks on a background with the CIELCh color 98, 3.347, 266.028.

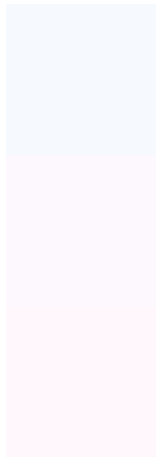


This preview shows how white text looks on a background with the CIELCh color 98, 3.347, 266.028.

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, 2.889, 261.773

Protanopia

98, 3.389, 314.707

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.070, 290.433

Trichromacy



Original Color

98, 2.889, 261.773

Protanomaly

98, 2.588, 298.122

Deuteranomaly

98, 2.498, 324.407

Tritanomaly

98, 3.084, 283.981

Monochromacy



Original Color

98, 2.889, 261.773

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 1.083, 271.535

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 3.347, 266.028 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(246, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 250, 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(246, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 250, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 3.347, 266.028 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(246, 250, 255) }
```

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

```
.border{ border-color:rgb(246, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 250,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 3.347, 266.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 250, 255) }
```

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

```
.background{ background-color: rgb(246,  
250, 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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