

Converting Colors

CIECh(99, 19.007, 288.740)

Have a look what the booklet for
CIELCh(99, 19.007, 288.740)
contains.

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Color

CIELCh(98, 2.746, 268.166)

Conversions

Conversions Part 1

Format	Color
Hex	F6F9FE
RGB	246, 249, 254
RGB Percent	96%, 98%, 100%
CMY	0.0334, 0.0216, 0.0020
CMYK	0.03, 0.02, 0.00, 0.00
HSL	217°, 89%, 98%
HSV	217°, 3%, 100%
XYZ	90.1667, 94.9163, 107.7378
YIQ	248.6730, -3.3930, 0.9190

Conversions

Conversions Part 2

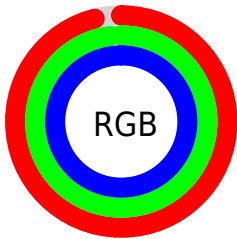
Format	Color
R _Y B	246, 248, 254
Decimal	16185854
CIE Lab	98.00, -0.09, -2.74
CIE LCh	98, 2.746, 268.166
Yxy	94.9163, 0.3079, 0.3241
Android (android.graphics.Color)	4294375934 (0xFFF6F9FE)
YUV	248.6730, 2.6262, -2.3442
Hunter-Lab	97.4250, -5.2922, 2.6314

Details

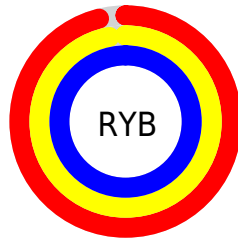
The CIELCh color 98, 2.746, 268.166 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 2.731, 87.090, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 2.393, 263.315 is the 20% darker color. If you saturate the color by 10%, you get 92, 11.508, 269.449, and if you desaturate by 10%, it is 100, 0.251, 109.852.

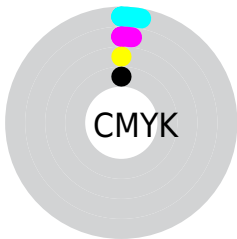
Distribution



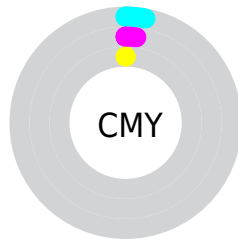
- Red (96%)
- Green (98%)
- Blue (100%)



- Red (96%)
- Yellow (97%)
- Blue (100%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 2.746, 268.166 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, 2.746, 268.166 by changing the saturation by 10% instead.

 98, 2.746, 268.166

 98, 2.746, 268.166

 100, 2.746,
268.166

 88, 2.746, 268.166

 78, 2.746, 268.166

 68, 2.746, 268.166

 58, 2.746, 268.166

 48, 2.746, 268.166

 38, 2.746, 268.166

 28, 2.746, 268.166

 18, 2.746, 268.166

 8, 2.746, 268.166

98, 2.746, 268.166

98, 2.746, 268.166

92, 11.508,
269.449

100, 0.251,
109.852

86, 20.362,
271.095

81, 29.303,
273.039

75, 38.339,
275.324

69, 47.493,
277.994

64, 56.804,
281.074

59, 66.328,
284.548

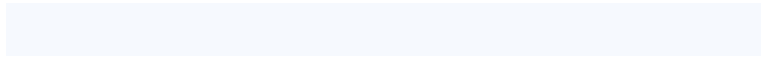
54, 76.107,
288.331

■ 49, 86.106,
292.250

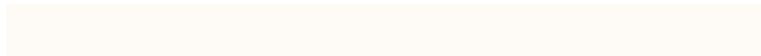
Harmonies

Complementary

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



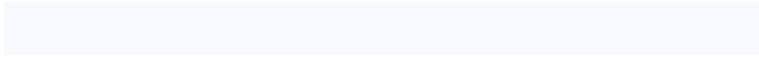
98, 2.746, 268.166



99, 2.731, 87.090

Rectangle

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



98, 2.746, 268.166



98, 2.746, 318.166



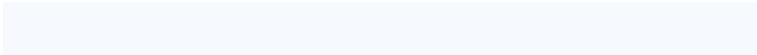
98, 2.746, 88.166



98, 2.746, 138.166

Sweetspot

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



98, 2.745, 268.122



99, 0.881, 268.098



99, 3.206, 170.339



53, 0.501, 268.110



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, 2.745, 268.122



98, 3.498, 268.210



97, 4.113, 295.017



52, 2.486, 268.296



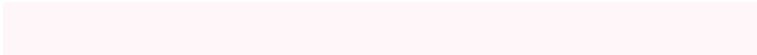
35, 73.666, 294.162



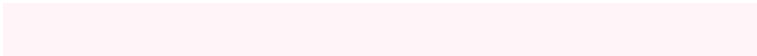
9, 29.559, 288.656

Inverse Universe

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



98, 3.224, 351.061



97, 4.115, 351.176



100, 4.063, 114.507



51, 2.928, 351.267



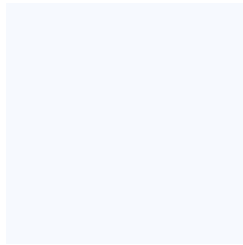
41, 68.698, 14.181



10, 31.283, 6.880

Previews

White Background



This preview shows how the CIELCh color 98, 2.746, 268.166 looks on a white background.

Color Contrast Check

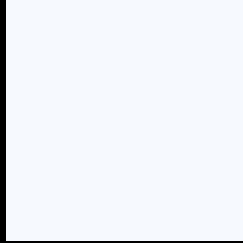
Large Text (above 18pt) WCAG AA × Fail

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, 2.746, 268.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

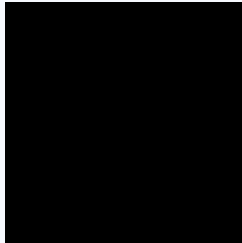
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

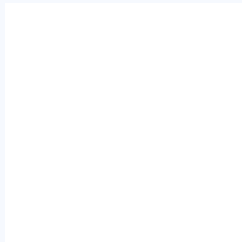
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 2.746, 268.166

Background



This preview shows how black text looks on a background with the CIELCh color 98, 2.746, 268.166.

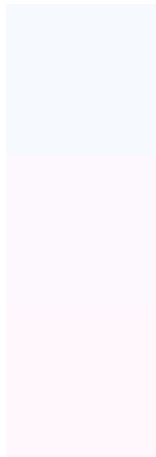


This preview shows how white text looks on a background with the CIELCh color 98, 2.746, 268.166.

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, 2.748, 268.167

Protanopia

98, 2.933, 318.815

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.070, 290.433

Trichromacy



Original Color

98, 2.748, 268.167

Protanomaly

98, 2.588, 298.122

Deuteranomaly

98, 2.498, 324.407

Tritanomaly

98, 3.084, 283.981

Monochromacy



Original Color

98, 2.748, 268.167

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, 2.746, 268.166 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, 249, 254)` looks like.

```
.text, #text, p{  
    color:rgb(246, 249, 254)  
}
```

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, 249, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 249, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 2.746, 268.166 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, 249, 254) }
```

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

```
.border{ border-color:rgb(246, 249, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 249, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 249, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 249, 254);  
box-shadow:4px 4px 4px 4px rgb(246, 249,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 2.746, 268.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 249, 254) }
```

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

```
.background{ background-color: rgb(246,  
249, 254) }
```

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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