

Converting Colors

CIELCh(99, 29.529, 287.933)

Have a look what the booklet for
CIELCh(99, 29.529, 287.933)
contains.

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Color

CIELCh(98, 3.872, 251.881)

Conversions

Conversions Part 1

Format	Color
Hex	F3FAFF
RGB	243, 250, 255
RGB Percent	95%, 98%, 100%
CMY	0.0461, 0.0186, 0.0000
CMYK	0.05, 0.02, 0.00, 0.00
HSL	204°, 100%, 98%
HSV	204°, 5%, 100%
XYZ	89.5534, 94.9163, 109.2619
YIQ	248.4770, -5.7770, 0.0710

Conversions

Conversions Part 2

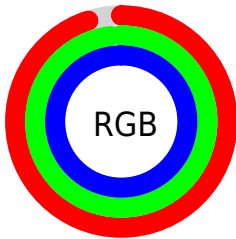
Format	Color
R_{YB}	243, 247, 255
Decimal	15989503
CIE _{Lab}	98.00, -1.20, -3.68
CIE _{LCh}	98, 3.872, 251.881
Yxy	94.9163, 0.3049, 0.3231
Android (android.graphics.Color)	4294179583 (0xFF3FAFF)
YUV	248.4770, 3.2158, -4.8033
Hunter-Lab	97.4250, -6.4158, 1.7039

Details

The CIELCh color **98, 3.872, 251.881** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98, 3.452, 63.772**, 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, 3.288, 240.120** is the 20% darker color. If you saturate the color by 10%, you get **94, 10.625, 246.201**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

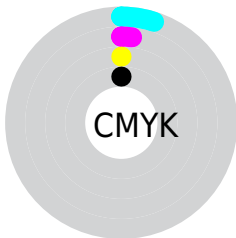
Distribution



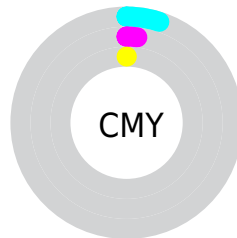
- Red (95%)
- Green (98%)
- Blue (100%)



- Red (95%)
- Yellow (97%)
- Blue (100%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 3.872, 251.881 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, 3.872, 251.881 by changing the saturation by 10% instead.

 98, 3.872, 251.881

 98, 3.872, 251.881

 100, 3.872,
251.881

 88, 3.872, 251.881

 78, 3.872, 251.881

 68, 3.872, 251.881

 58, 3.872, 251.881

 48, 3.872, 251.881

 38, 3.872, 251.881

 28, 3.872, 251.881

 18, 3.872, 251.881

 8, 3.872, 251.881

98, 3.872, 251.881

98, 3.872, 251.881

94, 10.625,
246.201

100, 0.012,
296.813

89, 17.617,
247.702

85, 24.323,
249.550

81, 30.690,
251.811

77, 36.682,
254.563

73, 42.293,
257.878

70, 47.570,
261.799

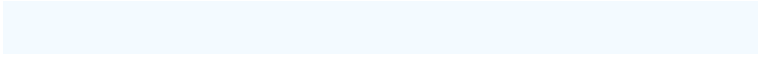
66, 52.626,
266.307

■ 63, 57.630,
271.281

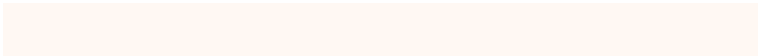
Harmonies

Complementary

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



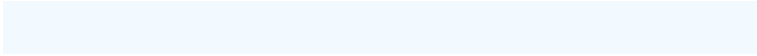
98, 3.872, 251.881



98, 3.452, 63.772

Rectangle

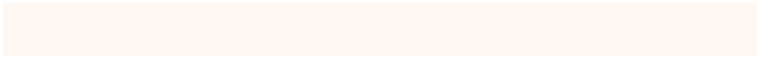
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



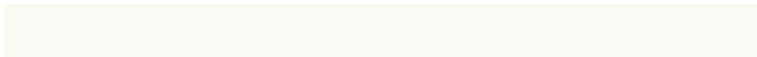
98, 3.872, 251.881



98, 3.872, 301.881



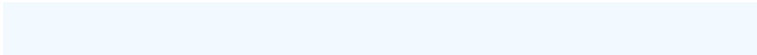
98, 3.872, 71.881



98, 3.872, 121.881

Sweetspot

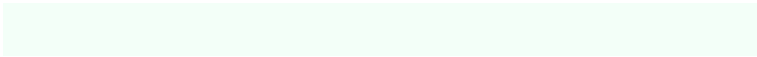
The Sweet Spot groups the original color and five complimentary colors.



98, 3.402, 245.056



100, 0.746, 245.215



99, 5.488, 158.365



53, 0.424, 245.246



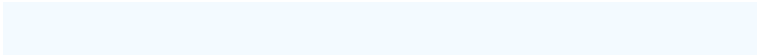
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



98, 3.402, 245.056



97, 4.415, 245.180



97, 5.437, 286.324



52, 2.926, 245.245



47, 47.956, 273.055



14, 20.040, 265.882

Inverse Universe

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



97, 5.506, 339.096



96, 7.170, 339.221



99, 5.374, 105.300



51, 4.759, 339.278



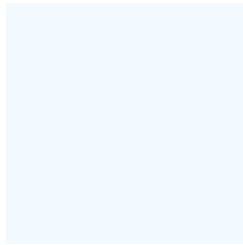
42, 70.230, 353.343



11, 33.084, 349.256

Previews

White Background



This preview shows how the CIELCh color 98, 3.872, 251.881 looks on a white background.

Color Contrast Check

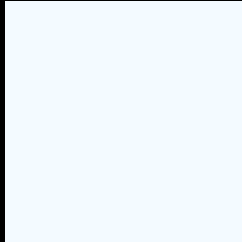
Large Text (above 18pt) WCAG AA × Fail

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, 3.872, 251.881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

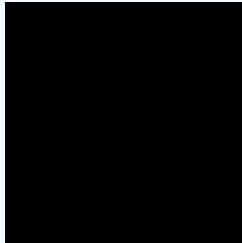
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

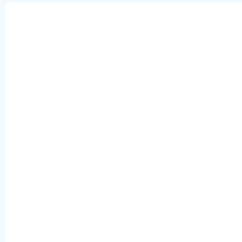
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 3.872, 251.881

Background



This preview shows how black text looks on a background with the CIELCh color 98, 3.872, 251.881.

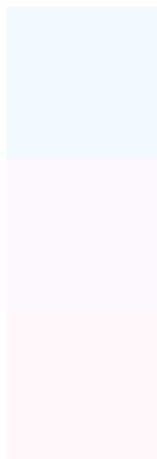


This preview shows how white text looks on a background with the CIELCh color 98, 3.872, 251.881.

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, 3.488, 246.571

Protanopia

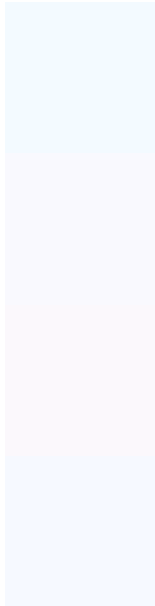
98, 2.933, 318.815

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.084, 283.981

Trichromacy



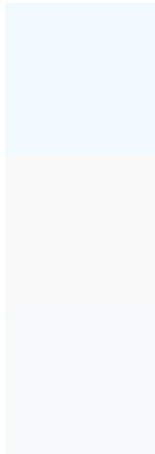
Original Color
98, 3.488, 246.571

Protanomaly
98, 2.560, 290.400

Deuteranomaly
98, 2.316, 317.263

Tritanomaly
98, 3.225, 271.658

Monochromacy



Original Color
98, 3.488, 246.571

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.235, 255.966

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 3.872, 251.881 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(243, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 250, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 3.872, 251.881 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(243, 250, 255) }
```

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

```
.border{ border-color:rgb(243, 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(243, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 250,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 3.872, 251.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 250, 255) }
```

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

```
.background{ background-color: rgb(243,  
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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