

Converting Colors

CIELCh(98, 3.710, 221.094)

Have a look what the booklet for
CIELCh(98, 3.710, 221.094) contains.

CIELCh(98, 3.752, 223.478)	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, 3.752, 223.478)

Conversions

Conversions Part 1

Format	Color
Hex	F1FBFE
RGB	241, 251, 254
RGB Percent	95%, 98%, 100%
CMY	0.0546, 0.0154, 0.0036
CMYK	0.05, 0.01, 0.00, 0.00
HSL	194°, 88%, 97%
HSV	194°, 5%, 100%
XYZ	88.7238, 94.9163, 107.4737
YIQ	248.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

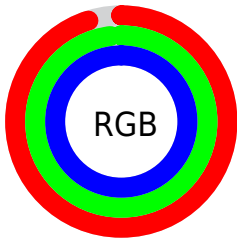
Format	Color
R_{YB}	241, 247, 254
Decimal	15858686
CIE _{Lab}	98.00, -2.72, -2.58
CIE _{LCh}	98, 3.752, 223.478
Yxy	94.9163, 0.3048, 0.3260
Android (android.graphics.Color)	4294048766 (0xFFFF1FBFE)
YUV	248.3520, 2.7845, -6.4477
Hunter-Lab	97.4250, -7.9359, 2.7921

Details

The CIELCh color 98, 3.752, 223.478 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 3.864, 42.723, 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, 3.749, 215.893 is the 20% darker color. If you saturate the color by 10%, you get 95, 10.811, 223.855, and if you desaturate by 10%, it is 100, 0.457, 109.974.

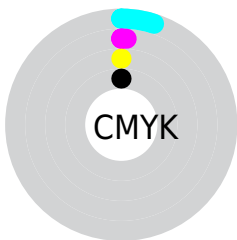
Distribution



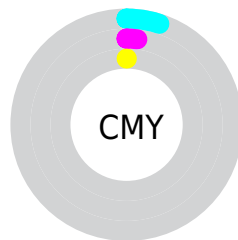
- Red (95%)
- Green (98%)
- Blue (100%)



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



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 3.752, 223.478 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, 3.752, 223.478 by changing the saturation by 10% instead.

 98, 3.752, 223.478

 98, 3.752, 223.478

 100, 3.752,
223.478

 88, 3.752, 223.478

 78, 3.752, 223.478

 68, 3.752, 223.478

 58, 3.752, 223.478

 48, 3.752, 223.478

 38, 3.752, 223.478

 28, 3.752, 223.478

 18, 3.752, 223.478

 8, 3.752, 223.478

98, 3.752, 223.478

98, 3.752, 223.478

95, 10.811,
223.855

100, 0.457,
109.974

92, 17.431,
224.555

89, 23.509,
225.518

86, 28.936,
226.802

83, 33.614,
228.484

81, 37.469,
230.654

79, 40.480,
233.405

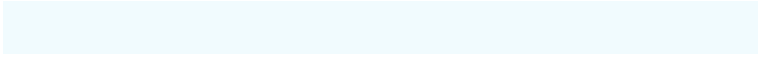
77, 42.698,
236.818

■ 75, 44.274,
240.925

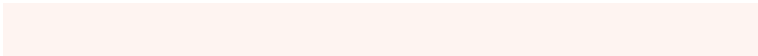
Harmonies

Complementary

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



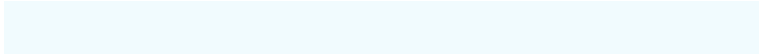
98, 3.752, 223.478



97, 3.864, 42.723

Rectangle

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



98, 3.752, 223.478



98, 3.752, 273.478



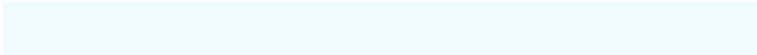
98, 3.752, 43.478



98, 3.752, 93.478

Sweetspot

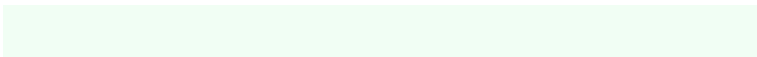
The Sweet Spot groups the original color and five complimentary colors.



98, 3.752, 223.441



99, 1.483, 223.572



99, 6.942, 150.842



53, 0.843, 223.590



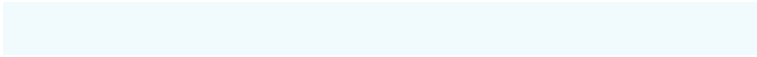
0, 0.000, 0.000



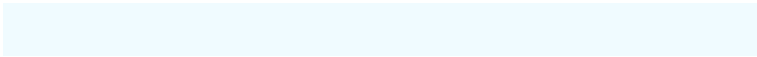
53, 0.007, 296.813

Same Dimension

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



98, 3.752, 223.441



98, 4.404, 223.456



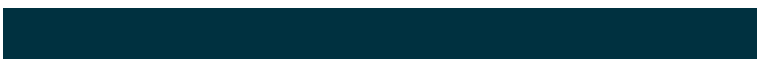
96, 4.922, 275.602



52, 2.917, 223.472



57, 36.157, 242.260



18, 16.307, 236.274

Inverse Universe

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



96, 6.900, 331.889



96, 8.120, 331.954



98, 4.894, 94.251



51, 5.389, 332.001



43, 77.922, 340.106



11, 36.581, 338.355

Previews

White Background



This preview shows how the CIE LCh color 98, 3.752, 223.478 looks on a white background.

Color Contrast Check

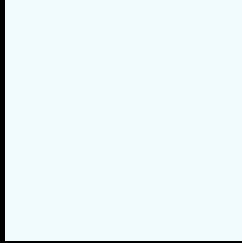
Large Text (above 18pt) WCAG AA × Fail

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, 3.752, 223.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

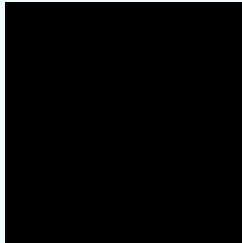
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

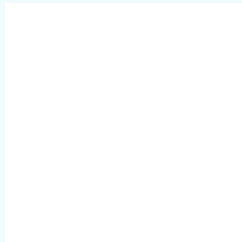
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 3.752, 223.478

Background



This preview shows how black text looks on a background with the CIELCh color 98, 3.752, 223.478.

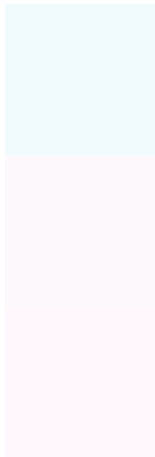


This preview shows how white text looks on a background with the CIELCh color 98, 3.752, 223.478.

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, 3.752, 223.478

Protanopia

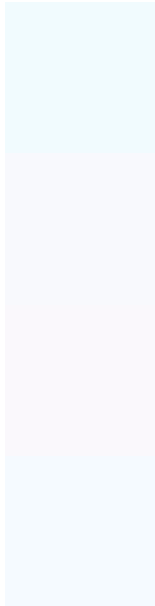
98, 2.498, 324.407

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.137, 277.676

Trichromacy



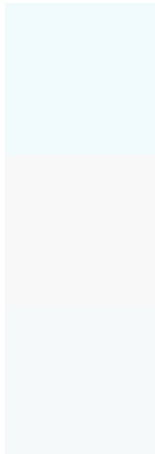
Original Color
98, 3.752, 223.478

Protanomaly
98, 2.074, 280.718

Deuteranomaly
98, 2.176, 309.073

Tritanomaly
98, 3.064, 256.053

Monochromacy



Original Color
98, 3.752, 223.478

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.480, 219.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 3.752, 223.478 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(241, 251, 254)` looks like.

```
.text, #text, p{  
    color:rgb(241, 251, 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(241, 251, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 251, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 3.752, 223.478 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(241, 251, 254) }
```

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

```
.border{ border-color:rgb(241, 251, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 251, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 251, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 251, 254);  
box-shadow:4px 4px 4px 4px rgb(241, 251,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 3.752, 223.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 251, 254) }
```

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

```
.background{ background-color: rgb(241,  
251, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor