

Converting Colors

CIELCh(100, 16.372, 171.927)

Have a look what the booklet for
CIELCh(100, 16.372, 171.927)
contains.

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Color

CIElCh(98, 11.590, 185.962)

Conversions

Conversions Part 1

Format	Color
Hex	DFFFFB
RGB	223, 255, 251
RGB Percent	87%, 100%, 98%
CMY	0.1251, 0.0000, 0.0152
CMYK	0.13, 0.00, 0.02, 0.00
HSL	173°, 100%, 94%
HSV	173°, 13%, 100%
XYZ	84.0137, 94.9163, 105.2583
YIQ	244.9760, -17.7880, -8.0280

Conversions

Conversions Part 2

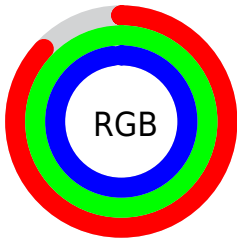
Format	Color
R_{YB}	223, 240, 255
Decimal	14680059
CIE _{Lab}	98.00, -11.53, -1.20
CIE _{LCh}	98, 11.590, 185.962
Yxy	94.9163, 0.2956, 0.3340
Android (android.graphics.Color)	4292870139 (0xFFDFFFFB)
YUV	244.9760, 2.9698, -19.2730
Hunter-Lab	97.4250, -16.5655, 4.1404

Details

The CIELCh color **98, 11.590, 185.962** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **92, 11.796, 10.476**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 10.803, 190.034** is the 20% darker color. If you saturate the color by 10%, you get **96, 19.503, 187.580**, and if you desaturate by 10%, it is **100, 2.260, 189.481**.

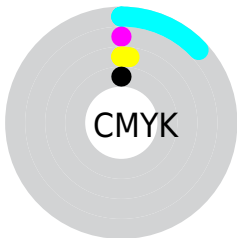
Distribution



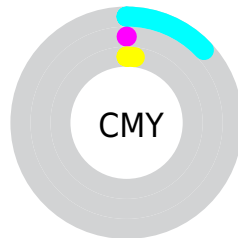
- Red (87%)
- Green (100%)
- Blue (98%)



- Red (87%)
- Yellow (94%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 11.590, 185.962 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, 11.590, 185.962 by changing the saturation by 10% instead.


 98, 11.590,
185.962


 98, 11.590,
185.962


 100, 11.590,
185.962


 88, 11.590,
185.962

 78, 11.590,
185.962

 68, 11.590,
185.962

 58, 11.590,
185.962

 48, 11.590,
185.962

 38, 11.590,
185.962

 28, 11.590,

185.962

■ 18, 11.590,
185.962

■ 8, 11.590, 185.962

■ 98, 11.590,
185.962

■ 98, 11.590,
185.962

■ 96, 19.503,
187.580

■ 100, 2.260,
189.481

■ 95, 27.359,
186.710

100, 0.012,
296.813

■ 93, 34.500,
185.812

■ 92, 40.778,
184.871

■ 92, 46.067,
183.871

■ 91, 50.286,
182.792

■ 91, 53.417,
181.615

■ 90, 55.524,
180.319

■ 90, 56.592,
179.283

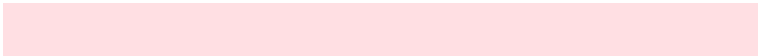
Harmonies

Complementary

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



98, 11.590, 185.962



92, 11.796, 10.476

Rectangle

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



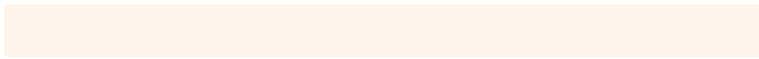
98, 11.590, 185.962



98, 11.590, 235.962



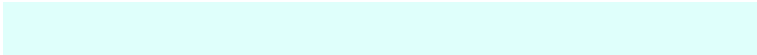
98, 11.590, 5.962



98, 11.590, 55.962

Sweetspot

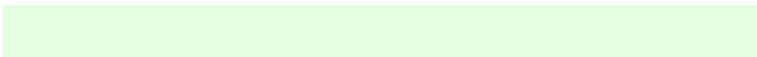
The Sweet Spot groups the original color and five complimentary colors.



98, 11.087, 188.440



99, 3.597, 189.255



97, 19.092, 140.138



53, 2.554, 189.166



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

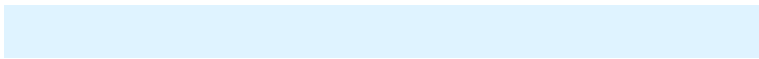
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 11.087, 188.440



97, 13.228, 188.225



95, 8.989, 241.205



52, 5.068, 188.705



70, 45.468, 179.540



23, 20.565, 181.354

Inverse Universe

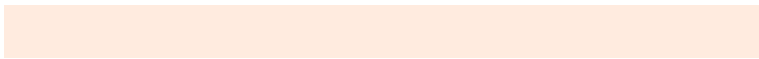
The Inverse Universe completely reimagines the original color for something new.



92, 11.796, 10.476



90, 14.257, 10.742



94, 9.529, 58.621



50, 5.311, 10.165



40, 78.921, 34.794



10, 32.457, 22.215

Previews

White Background



This preview shows how the CIE LCh color 98, 11.590, 185.962 looks on a white background.

Color Contrast Check

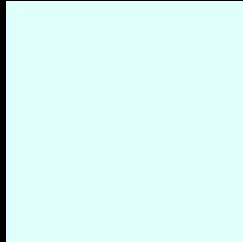
Large Text (above 18pt) WCAG AA × Fail

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, 11.590, 185.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

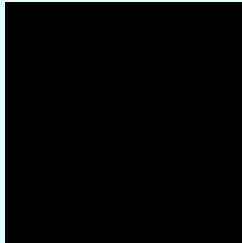
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

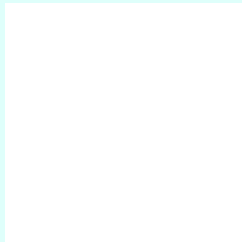
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 11.590, 185.962

Background



This preview shows how black text looks on a background with the CIELCh color 98, 11.590, 185.962.



This preview shows how white text looks on a background with the CIELCh color 98, 11.590, 185.962.

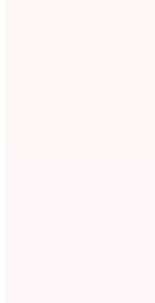
Color Blindness Simulation

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

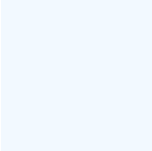


Original Color
98, 11.135, 188.157



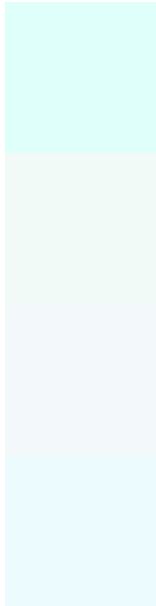
Protanopia
98, 2.173, 32.786

Deuteranopia
98, 3.791, 346.927



Tritanopia
98, 3.872, 251.881

Trichromacy



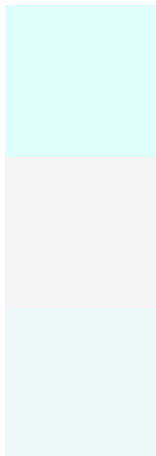
Original Color
98, 11.135, 188.157

Protanomaly
98, 2.981, 179.422

Deuteranomaly
98, 2.143, 213.374

Tritanomaly
98, 5.671, 214.885

Monochromacy



Original Color
98, 11.135, 188.157

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 4.311, 185.552

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 11.590, 185.962 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(223, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 251)  
}
```

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(223, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 11.590, 185.962 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(223, 255, 251) }
```

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

```
.border{ border-color:rgb(223, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 11.590, 185.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 251) }
```

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

```
.background{ background-color: rgb(223,  
255, 251) }
```

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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