

Converting Colors

CIELCh(98, 10.158, 189.626)

Have a look what the booklet for
CIELCh(98, 10.158, 189.626)
contains.

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Color

CIECh(98, 10.044, 190.040)

Conversions

Conversions Part 1

Format	Color
Hex	E2FFFC
RGB	226, 255, 252
RGB Percent	89%, 100%, 99%
CMY	0.1128, 0.0000, 0.0109
CMYK	0.11, 0.00, 0.01, 0.00
HSL	174°, 100%, 94%
HSV	174°, 11%, 100%
XYZ	84.8766, 94.9163, 106.1344
YIQ	245.9870, -16.3210, -7.0810

Conversions

Conversions Part 2

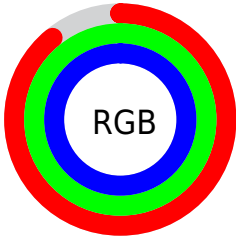
Format	Color
R_{YB}	226, 241, 255
Decimal	14876668
CIE _{Lab}	98.00, -9.89, -1.75
CIE _{LCh}	98, 10.044, 190.040
Yxy	94.9163, 0.2968, 0.3320
Android (android.graphics.Color)	4293066748 (0xFFE2FFFC)
YUV	245.9870, 2.9644, -17.5286
Hunter-Lab	97.4250, -14.9846, 3.6072

Details

The CIELCh color **98, 10.044, 190.040** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **92, 10.552, 12.363**, 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, 10.128, 189.518** is the 20% darker color. If you saturate the color by 10%, you get **96, 18.320, 189.844**, and if you desaturate by 10%, it is **100, 1.149, 191.920**.

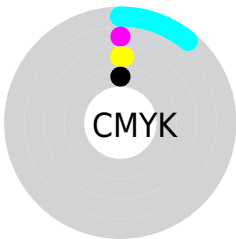
Distribution



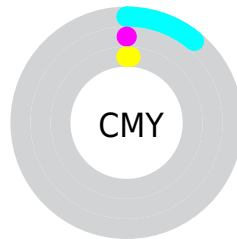
- Red (89%)
- Green (100%)
- Blue (99%)



- Red (89%)
- Yellow (95%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 10.044, 190.040 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, 10.044, 190.040 by changing the saturation by 10% instead.


 98, 10.044,
190.040


 98, 10.044,
190.040


 100, 10.044,
190.040


 88, 10.044,
190.040

 78, 10.044,
190.040

 68, 10.044,
190.040

 58, 10.044,
190.040

 48, 10.044,
190.040

 38, 10.044,
190.040

 28, 10.044,

190.040

■ 18, 10.044,
190.040

■ 8, 10.044, 190.040

■ 98, 10.044,
190.040

■ 98, 10.044,
190.040

■ 96, 18.320,
189.844

■ 100, 1.149,
191.920

■ 95, 26.127,
189.042

■ 100, 0.012,
296.813

■ 94, 33.213,
188.230

■ 93, 39.430,
187.395

■ 92, 44.654,
186.524

■ 91, 48.800,
185.601

■ 91, 51.846,
184.608

■ 91, 53.851,
183.527

■ 90, 54.930,
182.515

Harmonies

Complementary

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



98, 10.044, 190.040



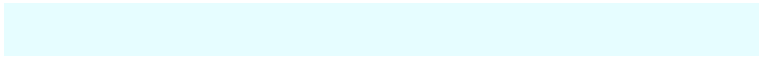
92, 10.552, 12.363

Rectangle

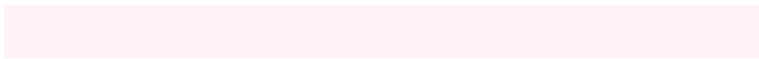
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



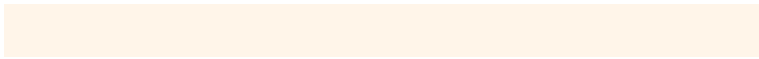
98, 10.044, 190.040



98, 10.044, 240.040



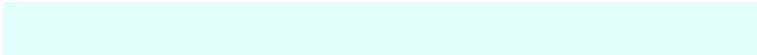
98, 10.044, 10.040



98, 10.044, 60.040

Sweetspot

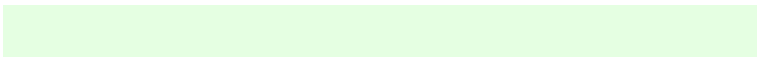
The Sweet Spot groups the original color and five complimentary colors.



98, 9.945, 190.653



99, 2.684, 191.467



98, 17.393, 141.133



53, 2.032, 191.355



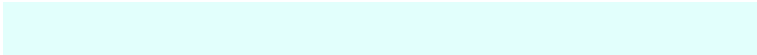
0, 0.000, 0.000



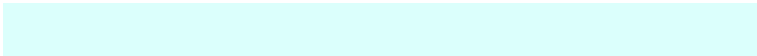
53, 0.007, 296.813

Same Dimension

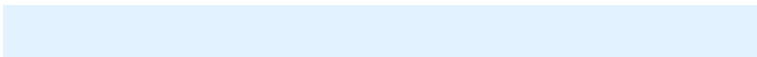
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 9.945, 190.653



97, 12.269, 190.429



95, 8.226, 245.252



52, 5.029, 190.802



70, 44.160, 182.731



23, 20.059, 184.243

Inverse Universe

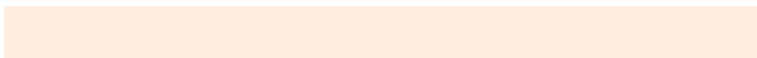
The Inverse Universe completely reimagines the original color for something new.



92, 10.552, 12.363



91, 13.213, 12.640



95, 8.614, 62.679



50, 5.286, 12.185



40, 80.157, 36.145



10, 32.627, 23.273

Previews

White Background



This preview shows how the CIE LCh color 98, 10.044, 190.040 looks on a white background.

Color Contrast Check

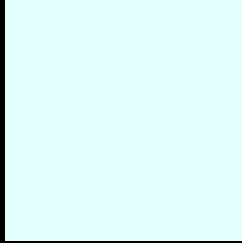
Large Text (above 18pt) WCAG AA × Fail

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, 10.044, 190.040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

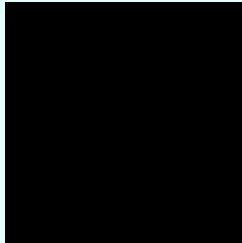
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

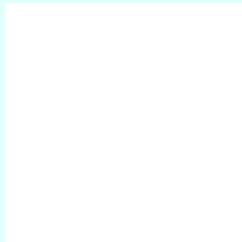
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 10.044, 190.040

Background



This preview shows how black text looks on a background with the CIELCh color 98, 10.044, 190.040.



This preview shows how white text looks on a background with the CIELCh color 98, 10.044, 190.040.

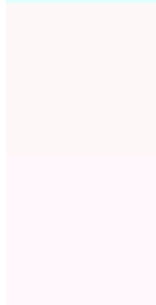
Color Blindness Simulation

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, 10.044, 190.040



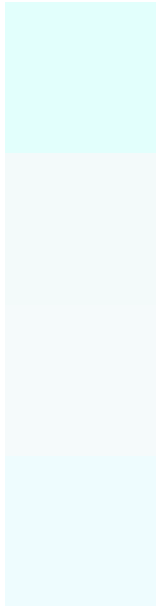
Protanopia
98, 2.183, 5.751

Deuteranopia
98, 3.497, 343.770



Tritanopia
98, 3.265, 251.001

Trichromacy



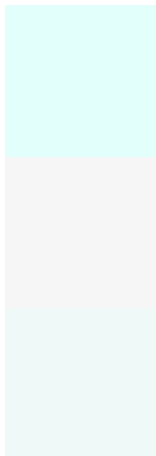
Original Color
98, 10.044, 190.040

Protanomaly
98, 2.435, 199.517

Deuteranomaly
98, 1.808, 216.065

Tritanomaly
98, 4.906, 211.260

Monochromacy



Original Color
98, 10.044, 190.040

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 3.522, 191.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 10.044, 190.040 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(226, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 252)  
}
```

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(226, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 10.044, 190.040 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(226, 255, 252) }
```

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

```
.border{ border-color:rgb(226, 255, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 10.044, 190.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 252) }
```

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

```
.background{ background-color: rgb(226,  
255, 252) }
```

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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