

Converting Colors

CIELCh(100, 19.352, 155.349)

Have a look what the booklet for
CIELCh(100, 19.352, 155.349)
contains.

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Color

CIElCh(98, 13.364, 160.954)

Conversions

Conversions Part 1

Format	Color
Hex	E2FFF0
RGB	226, 255, 240
RGB Percent	89%, 100%, 94%
CMY	0.1125, 0.0000, 0.0575
CMYK	0.11, 0.00, 0.06, 0.00
HSL	149°, 100%, 94%
HSV	149°, 11%, 100%
XYZ	83.4346, 94.9163, 96.6200
YIQ	244.6190, -12.4690, -10.8130

Conversions

Conversions Part 2

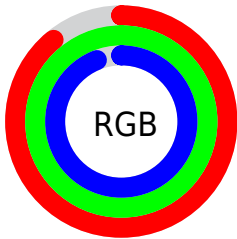
Format	Color
R_{YB}	226, 246, 255
Decimal	14876656
CIE _{Lab}	98.00, -12.63, 4.36
CIE _{LCh}	98, 13.364, 160.954
Yxy	94.9163, 0.3034, 0.3452
Android (android.graphics.Color)	4293066736 (0xFFE2FFF0)
YUV	244.6190, -2.2772, -16.3289
Hunter-Lab	97.4250, -17.6265, 9.3974

Details

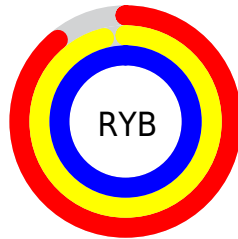
The CIELCh color **98, 13.364, 160.954** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **93, 12.748, 343.951**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 12.478, 161.557** is the 20% darker color. If you saturate the color by 10%, you get **96, 23.710, 161.167**, and if you desaturate by 10%, it is **100, 1.383, 163.288**.

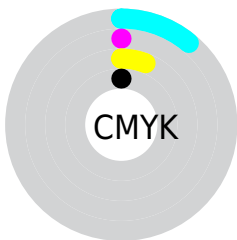
Distribution



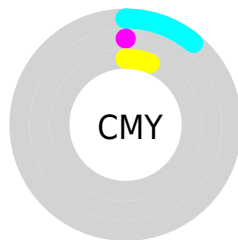
- Red (89%)
- Green (100%)
- Blue (94%)



- Red (89%)
- Yellow (96%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 13.364, 160.954 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, 13.364, 160.954 by changing the saturation by 10% instead.


 98, 13.364,
160.954


 98, 13.364,
160.954


 100, 13.364,
160.954


 88, 13.364,
160.954

 78, 13.364,
160.954

 68, 13.364,
160.954

 58, 13.364,
160.954

 48, 13.364,
160.954

 38, 13.364,
160.954

 28, 13.364,

160.954

■ 18, 13.364,
160.954

■ 8, 13.364, 160.954

■ 98, 13.364,
160.954

■ 98, 13.364,
160.954

■ 96, 23.710,
161.167

■ 100, 1.383,
163.288

■ 94, 34.652,
160.101

■ 100, 0.012,
296.813

■ 93, 45.220,
158.901

■ 91, 55.217,
157.541

■ 90, 64.454,
155.994

■ 90, 72.766,
154.240

■ 89, 80.049,
152.268

■ 89, 86.286,
150.090

■ 88, 91.020,
148.087

Harmonies

Complementary

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



98, 13.364, 160.954



93, 12.748, 343.951

Rectangle

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



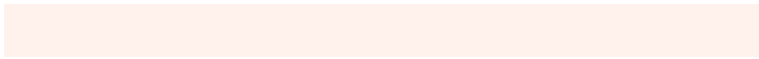
98, 13.364, 160.954



98, 13.364, 210.954



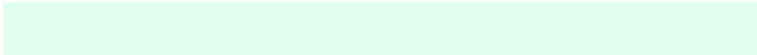
98, 13.364, 340.954



98, 13.364, 30.954

Sweetspot

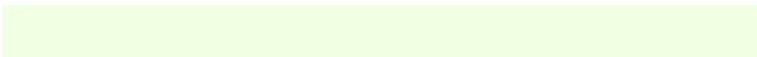
The Sweet Spot groups the original color and five complimentary colors.



98, 12.570, 162.129



99, 3.343, 162.941



98, 15.418, 127.981



53, 2.536, 162.844



0, 0.000, 0.000



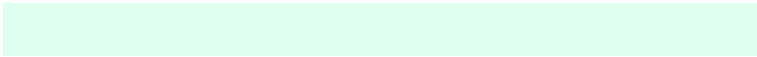
53, 0.007, 296.813

Same Dimension

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



98, 12.570, 162.129



97, 14.531, 161.966



98, 9.754, 197.419



52, 6.353, 162.290



68, 72.657, 148.518



23, 31.318, 151.744

Inverse Universe

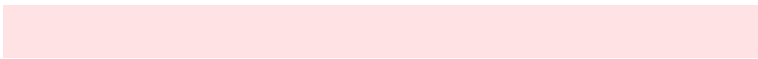
The Inverse Universe completely reimagines the original color for something new.



93, 12.748, 343.951



92, 14.765, 344.114



92, 10.460, 18.742



50, 6.432, 343.790



41, 68.382, 1.028



10, 31.981, 355.607

Previews

White Background



This preview shows how the CIE LCh color 98, 13.364, 160.954 looks on a white background.

Color Contrast Check

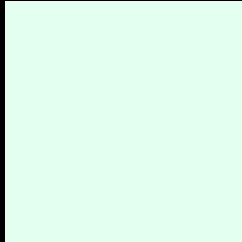
Large Text (above 18pt) WCAG AA × Fail

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, 13.364, 160.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

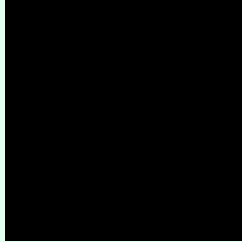
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

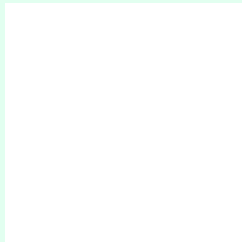
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 13.364, 160.954

Background



This preview shows how black text looks on a background with the CIELCh color 98, 13.364, 160.954.

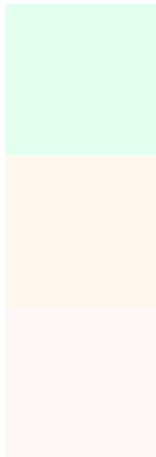


This preview shows how white text looks on a background with the CIELCh color 98, 13.364, 160.954.

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](#).

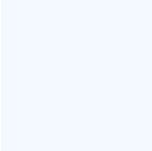
Dichromacy



Original Color
98, 12.766, 161.815

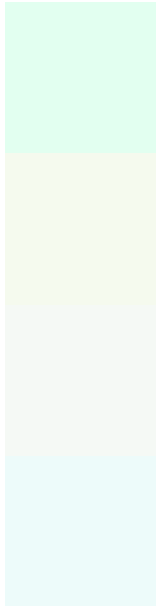
Protanopia
98, 6.273, 82.451

Deuteranopia
98, 3.228, 10.341



Tritanopia
98, 3.674, 256.132

Trichromacy



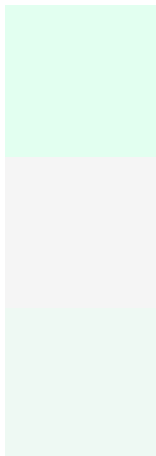
Original Color
98, 12.766, 161.815

Protanomaly
98, 6.374, 125.893

Deuteranomaly
98, 2.483, 144.475

Tritanomaly
98, 4.879, 193.212

Monochromacy



Original Color
98, 12.766, 161.815

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 4.953, 161.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 13.364, 160.954 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 13.364, 160.954 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, 240) }
```

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

```
.border{ border-color:rgb(226, 255, 240) }
```

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, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 13.364, 160.954 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, 240) }
```

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

```
.background{ background-color: rgb(226,  
255, 240) }
```

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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