

Converting Colors

CIELCh(100, 14.302, 162.470)

Have a look what the booklet for
CIELCh(100, 14.302, 162.470)
contains.

CIELCh(98, 9.863, 171.092)	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, 9.863, 171.092)

Conversions

Conversions Part 1

Format	Color
Hex	E6FFF6
RGB	230, 255, 246
RGB Percent	90%, 100%, 96%
CMY	0.0984, 0.0003, 0.0357
CMYK	0.10, 0.00, 0.04, 0.00
HSL	158°, 99%, 95%
HSV	158°, 10%, 100%
XYZ	84.9539, 94.9163, 100.9572
YIQ	246.4990, -12.0110, -8.0990

Conversions

Conversions Part 2

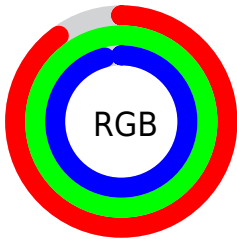
Format	Color
R _Y B	230, 245, 255
Decimal	15138806
CIE Lab	98.00, -9.74, 1.53
CIE LCh	98, 9.863, 171.092
Yxy	94.9163, 0.3025, 0.3380
Android (android.graphics.Color)	4293328886 (0xFFE6FFF6)
YUV	246.4990, -0.2460, -14.4696
Hunter-Lab	97.4250, -14.8430, 6.7579

Details

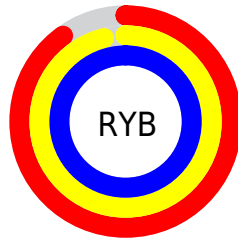
The CIELCh color **98, 9.863, 171.092** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **93, 10.095, 352.804**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 9.750, 172.622** is the 20% darker color. If you saturate the color by 10%, you get **96, 19.789, 170.062**, and if you desaturate by 10%, it is **100, 0.065, 319.662**.

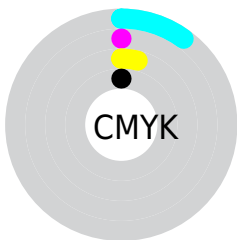
Distribution



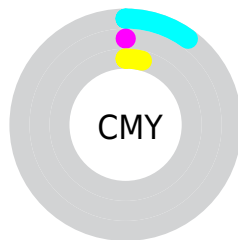
- Red (90%)
- Green (100%)
- Blue (96%)



- Red (90%)
- Yellow (96%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 9.863, 171.092 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, 9.863, 171.092 by changing the saturation by 10% instead.

 98, 9.863, 171.092

 98, 9.863, 171.092

 100, 9.863,
171.092

 88, 9.863, 171.092

 78, 9.863, 171.092

 68, 9.863, 171.092

 58, 9.863, 171.092

 48, 9.863, 171.092

 38, 9.863, 171.092

 28, 9.863, 171.092

 18, 9.863, 171.092

 8, 9.863, 171.092

98, 9.863, 171.092

98, 9.863, 171.092

96, 19.789,
170.062

100, 0.065,
319.662

95, 29.428,
168.964

93, 38.621,
167.757


92, 47.195,
166.417

91, 54.982,
164.916

90, 61.849,
163.230

90, 67.716,
161.336

89, 72.591,
159.230

 89, 76.644,
156.960

Harmonies

Complementary

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



98, 9.863, 171.092



93, 10.095, 352.804

Rectangle

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



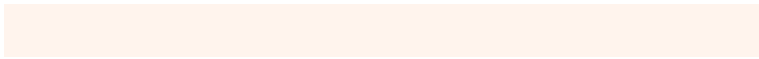
98, 9.863, 171.092



98, 9.863, 221.092



98, 9.863, 351.092



98, 9.863, 41.092

Sweetspot

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



98, 9.865, 171.086



99, 3.021, 171.845



98, 13.952, 133.181



53, 2.291, 171.733



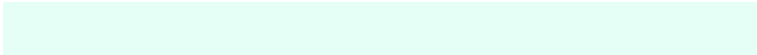
0, 0.000, 0.000



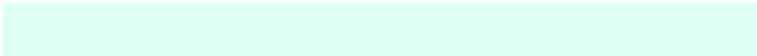
53, 0.007, 296.813

Same Dimension

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



98, 9.865, 171.086



98, 12.060, 170.864



97, 7.544, 212.118



52, 5.720, 171.116



69, 61.344, 157.346



23, 26.757, 160.489

Inverse Universe

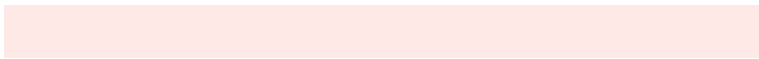
The Inverse Universe completely reimagines the original color for something new.



93, 10.095, 352.804



92, 12.401, 353.037



94, 8.042, 32.095



50, 5.850, 352.772



40, 69.002, 15.661



10, 31.294, 8.175

Previews

White Background



This preview shows how the CIELCh color 98, 9.863, 171.092 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, 9.863, 171.092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

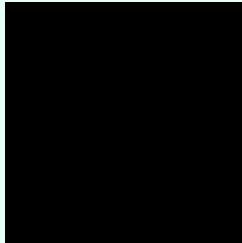
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

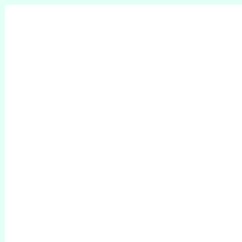
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 9.863, 171.092

Background



This preview shows how black text looks on a background with the CIELCh color 98, 9.863, 171.092.

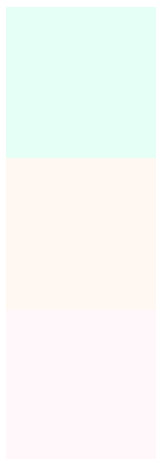


This preview shows how white text looks on a background with the CIELCh color 98, 9.863, 171.092.

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, 9.863, 171.092

Protanopia

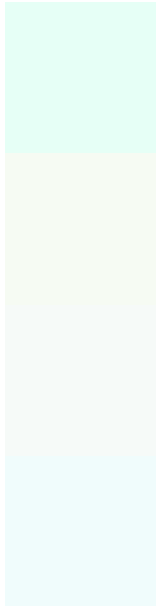
98, 3.919, 70.425

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.064, 256.053

Trichromacy



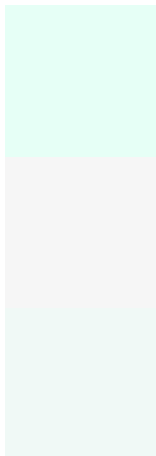
Original Color
98, 9.863, 171.092

Protanomaly
98, 4.448, 133.223

Deuteranomaly
98, 1.736, 163.796

Tritanomaly
98, 4.150, 199.298

Monochromacy



Original Color
98, 9.863, 171.092

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 3.513, 173.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 9.863, 171.092 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(230, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 246)  
}
```

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(230, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 9.863, 171.092 is called "border". The border property can be set on classes, ids or directly on the HTML element.

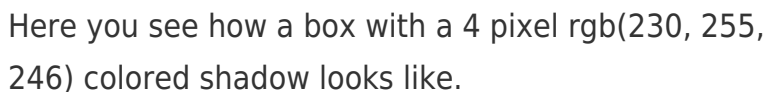
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 255, 246) }
```

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

```
.border{ border-color:rgb(230, 255, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(230, 255, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 255, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 255, 246); box-shadow:4px 4px 4px 4px rgb(230, 255, 246) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 9.863, 171.092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 246) }
```

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

```
.background{ background-color: rgb(230,  
255, 246) }
```

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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