

Converting Colors

CIELCh(98, 10.436, 245.126)

Have a look what the booklet for
CIELCh(98, 10.436, 245.126)
contains.

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Color

CIELCh(98, 7.883, 206.460)

Conversions

Conversions Part 1

Format	Color
Hex	E7FEFF
RGB	231, 254, 255
RGB Percent	91%, 100%, 100%
CMY	0.0952, 0.0050, 0.0000
CMYK	0.10, 0.00, 0.00, 0.00
HSL	183°, 100%, 95%
HSV	183°, 10%, 100%
XYZ	86.3836, 94.9163, 108.9878
YIQ	247.2370, -14.0290, -4.5650

Conversions

Conversions Part 2

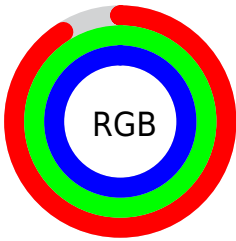
Format	Color
R _Y B	231, 243, 255
Decimal	15204095
CIE Lab	98.00, -7.06, -3.51
CIE LCh	98, 7.883, 206.460
Yxy	94.9163, 0.2976, 0.3270
Android (android.graphics.Color)	4293394175 (0xFFE7FEFF)
YUV	247.2370, 3.8272, -14.2398
Hunter-Lab	97.4250, -12.2235, 1.8707

Details

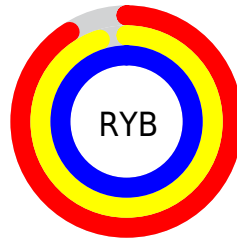
The CIELCh color **98, 7.883, 206.460** is a light color, and the websafe version is hex **FFFFFF**, and the color name is **bubbles**. A complement of this color would be **94, 8.364, 24.362**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 7.836, 202.811** is the 20% darker color. If you saturate the color by 10%, you get **96, 15.648, 203.394**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

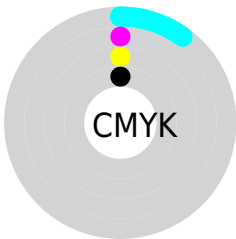
Distribution



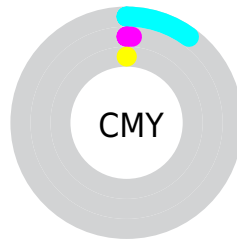
- Red (91%)
- Green (100%)
- Blue (100%)



- Red (91%)
- Yellow (95%)
- Blue (100%)



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



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 7.883, 206.460 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, 7.883, 206.460 by changing the saturation by 10% instead.

 98, 7.883, 206.460

 98, 7.883, 206.460

 100, 7.883,
206.460

 88, 7.883, 206.460

 78, 7.883, 206.460

 68, 7.883, 206.460

 58, 7.883, 206.460

 48, 7.883, 206.460

 38, 7.883, 206.460

 28, 7.883, 206.460

 18, 7.883, 206.460

 8, 7.883, 206.460

98, 7.883, 206.460

98, 7.883, 206.460

96, 15.648,
203.394

100, 0.012,
296.813

94, 22.818,
203.156

93, 29.233,
203.020

91, 34.755,
203.002

90, 39.271,
203.119

89, 42.701,
203.388

88, 45.024,
203.828

88, 46.292,
204.451

■ 87, 46.694,
205.249

Harmonies

Complementary

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



98, 7.883, 206.460



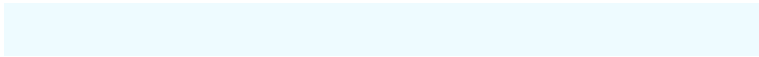
94, 8.364, 24.362

Rectangle

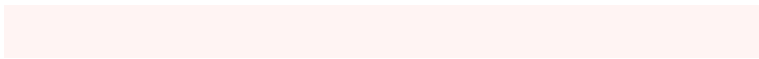
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 7.883, 206.460



98, 7.883, 256.460



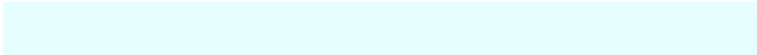
98, 7.883, 26.460



98, 7.883, 76.460

Sweetspot

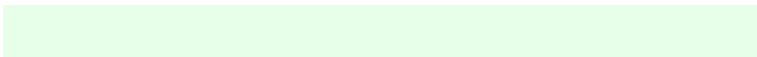
The Sweet Spot groups the original color and five complimentary colors.



98, 7.862, 203.740



99, 2.517, 204.153



98, 14.639, 145.254



53, 1.904, 204.067



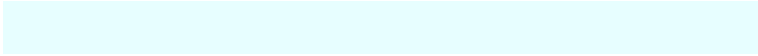
0, 0.000, 0.000



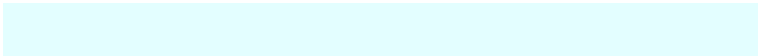
53, 0.007, 296.813

Same Dimension

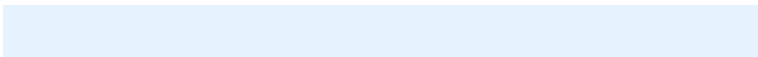
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 7.862, 203.740



98, 9.046, 203.680



95, 7.741, 261.967



52, 4.694, 203.741



67, 37.658, 205.125



22, 17.455, 204.001

Inverse Universe

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



94, 14.640, 326.392



93, 16.924, 326.479



97, 7.859, 79.375



50, 8.740, 326.391



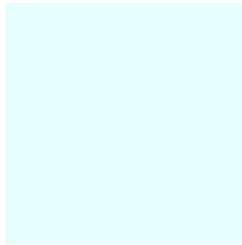
45, 89.331, 330.435



12, 41.301, 330.156

Previews

White Background



This preview shows how the CIELCh color 98, 7.883, 206.460 looks on a white background.

Color Contrast Check

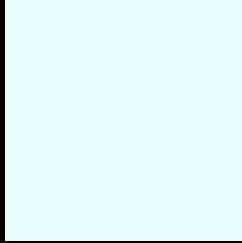
Large Text (above 18pt) WCAG AA × Fail

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, 7.883, 206.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

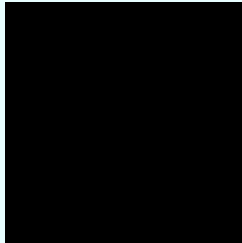
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

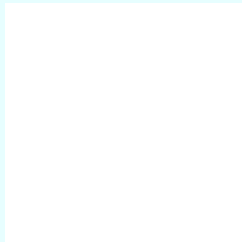
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 7.883, 206.460

Background



This preview shows how black text looks on a background with the CIELCh color 98, 7.883, 206.460.



This preview shows how white text looks on a background with the CIELCh color 98, 7.883, 206.460.

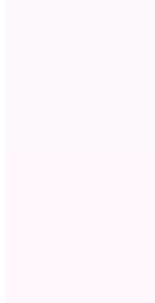
Color Blindness Simulation

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, 7.853, 202.730

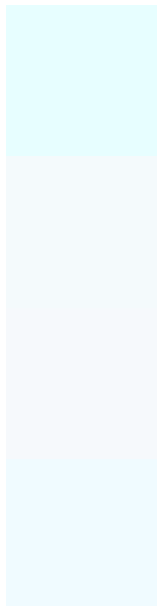


Protanopia
98, 2.096, 332.260

Deuteranopia
98, 3.497, 343.770

Tritanopia
98, 3.064, 256.053

Trichromacy



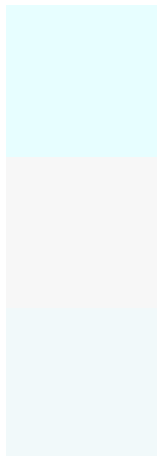
Original Color
98, 7.853, 202.730

Protanomaly
98, 2.308, 225.838

Deuteranomaly
98, 1.847, 255.949

Tritanomaly
98, 4.270, 227.932

Monochromacy



Original Color
98, 7.853, 202.730

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.818, 209.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 7.883, 206.460 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(231, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 254, 255)  
}
```

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(231, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 254, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 7.883, 206.460 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(231, 254, 255) }
```

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

```
.border{ border-color:rgb(231, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 254,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 7.883, 206.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 254, 255) }
```

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

```
.background{ background-color: rgb(231,  
254, 255) }
```

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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