

Converting Colors

CIELCh(98, 7.960, 207.566)

Have a look what the booklet for
CIELCh(98, 7.960, 207.566) contains.

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Color

CIELCh(98, 7.853, 202.730)

Conversions

Conversions Part 1

Format	Color
Hex	E7FEFF
RGB	231, 254, 255
RGB Percent	91%, 100%, 100%
CMY	0.0949, 0.0047, 0.0008
CMYK	0.09, 0.00, 0.00, 0.00
HSL	182°, 98%, 95%
HSV	182°, 9%, 100%
XYZ	86.2842, 94.9163, 108.2083
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, -7.24, -3.03
CIE LCh	98, 7.853, 202.730
Yxy	94.9163, 0.2981, 0.3280
Android (android.graphics.Color)	4293394175 (0xFFE7FEFF)
YUV	247.2370, 3.8272, -14.2398
Hunter-Lab	97.4250, -12.4057, 2.3451

Details

The CIELCh color **98, 7.853, 202.730** is a light color, and the websafe version is hex FFFFFFF, and the color name is **bubbles**. A complement of this color would be **94, 8.348, 23.404**, 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, 15.724, 202.323**, and if you desaturate by 10%, it is **100, 0.054, 40.768**.

Distribution



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



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



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 7.853, 202.730 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, 7.853, 202.730 by changing the saturation by 10% instead.

 98, 7.853, 202.730

 98, 7.853, 202.730

 100, 7.853,
202.730

 88, 7.853, 202.730

 78, 7.853, 202.730

 68, 7.853, 202.730

 58, 7.853, 202.730

 48, 7.853, 202.730

 38, 7.853, 202.730

 28, 7.853, 202.730

 18, 7.853, 202.730

 8, 7.853, 202.730

98, 7.853, 202.730

98, 7.853, 202.730

96, 15.724,
202.323

100, 0.054, 40.768

94, 22.974,
202.031

100, 0.091,
109.325

93, 29.464,
201.833

92, 35.058,
201.739

91, 39.639,
201.765

90, 43.130,
201.924

89, 45.511,
202.229

88, 46.833,
202.688

■ 88, 47.284,
203.293

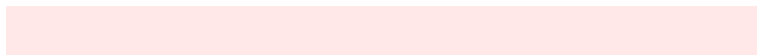
Harmonies

Complementary

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



98, 7.853, 202.730



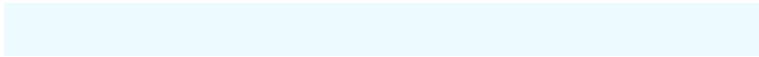
94, 8.348, 23.404

Rectangle

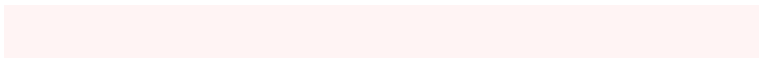
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



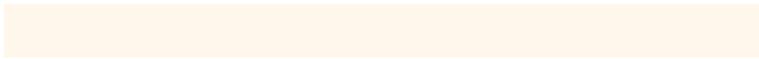
98, 7.853, 202.730



98, 7.853, 252.730



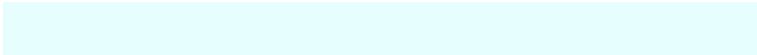
98, 7.853, 22.730



98, 7.853, 72.730

Sweetspot

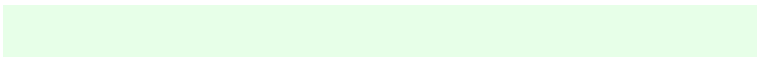
The Sweet Spot groups the original color and five complimentary colors.



98, 7.854, 202.715



99, 2.543, 203.148



98, 14.633, 144.798



53, 1.924, 203.060



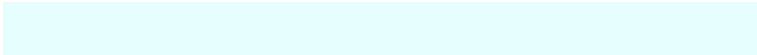
0, 0.000, 0.000



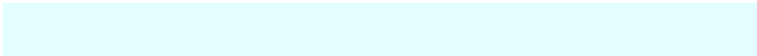
53, 0.007, 296.813

Same Dimension

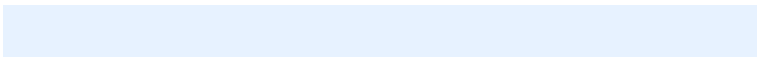
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 7.854, 202.715



98, 9.141, 202.644



95, 7.536, 260.257



52, 4.743, 202.711



68, 38.154, 203.204



23, 17.664, 202.338

Inverse Universe

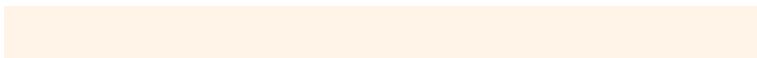
The Inverse Universe completely reimagines the original color for something new.



94, 14.575, 326.078



93, 17.050, 326.171



97, 7.666, 77.703



50, 8.805, 326.083



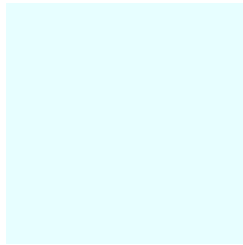
45, 90.096, 329.958



12, 41.612, 329.742

Previews

White Background



This preview shows how the CIELCh color 98, 7.853, 202.730 looks on a white background.

Color Contrast Check

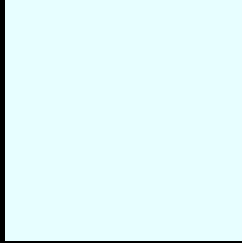
Large Text (above 18pt) WCAG AA × Fail

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, 7.853, 202.730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

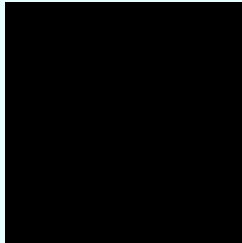
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 7.853, 202.730

Background



This preview shows how black text looks on a background with the CIELCh color 98, 7.853, 202.730.

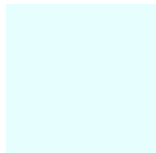


This preview shows how white text looks on a background with the CIELCh color 98, 7.853, 202.730.

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

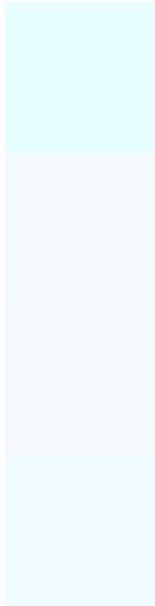
98, 2.096, 332.260

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.064, 256.053

Trichromacy



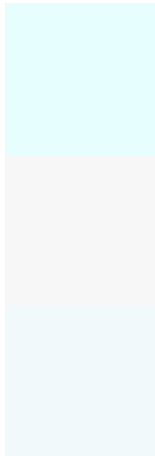
Original Color
98, 7.853, 202.730

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, 7.853, 202.730 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, 7.853, 202.730 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, 7.853, 202.730 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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