

Converting Colors

CIE LCh(98, 7.230, 186.234)

Have a look what the booklet for
CIELCh(98, 7.230, 186.234) contains.

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Color

CIELCh(98, 7.557, 183.325)

Conversions

Conversions Part 1

Format	Color
Hex	E9FEFA
RGB	233, 254, 250
RGB Percent	91%, 100%, 98%
CMY	0.0871, 0.0048, 0.0205
CMYK	0.08, 0.00, 0.02, 0.00
HSL	169°, 90%, 95%
HSV	169°, 8%, 100%
XYZ	86.1232, 94.9163, 104.0406
YIQ	247.2650, -11.2320, -5.6960

Conversions

Conversions Part 2

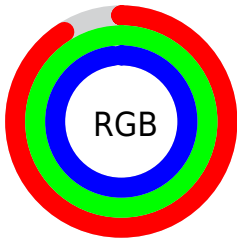
Format	Color
R _Y B	233, 245, 254
Decimal	15335162
CIE Lab	98.00, -7.54, -0.44
CIE LCh	98, 7.557, 183.325
Yxy	94.9163, 0.3021, 0.3329
Android (android.graphics.Color)	4293525242 (0xFFE9FEFA)
YUV	247.2650, 1.3484, -12.5104
Hunter-Lab	97.4250, -12.7005, 4.8814

Details

The CIELCh color **98, 7.557, 183.325** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 7.820, 4.663**, 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, 7.407, 186.355** is the 20% darker color. If you saturate the color by 10%, you get **96, 16.435, 182.344**, and if you desaturate by 10%, it is **100, 0.613, 334.263**.

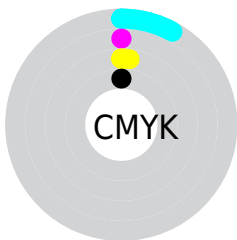
Distribution



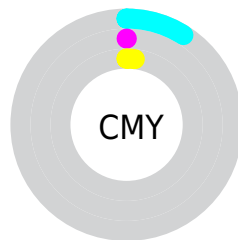
- Red (91%)
- Green (100%)
- Blue (98%)



- Red (91%)
- Yellow (96%)
- Blue (100%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 7.557, 183.325 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, 7.557, 183.325 by changing the saturation by 10% instead.

 98, 7.557, 183.325

 98, 7.557, 183.325

 100, 7.557,
183.325

 88, 7.557, 183.325

 78, 7.557, 183.325

 68, 7.557, 183.325

 58, 7.557, 183.325

 48, 7.557, 183.325

 38, 7.557, 183.325

 28, 7.557, 183.325

 18, 7.557, 183.325

 8, 7.557, 183.325

98, 7.557, 183.325

98, 7.557, 183.325

96, 16.435,
182.344

100, 0.613,
334.263

95, 24.890,
181.357

100, 0.765,
324.064

93, 32.769,
180.315

92, 39.915,
179.198

91, 46.181,
177.984

91, 51.454,
176.652

90, 55.674,
175.176

90, 58.859,
173.536

■ 90, 61.147,
171.734

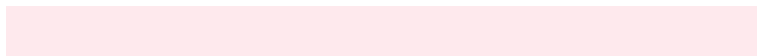
Harmonies

Complementary

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



98, 7.557, 183.325



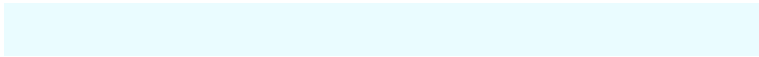
94, 7.820, 4.663

Rectangle

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



98, 7.557, 183.325



98, 7.557, 233.325



98, 7.557, 3.325



98, 7.557, 53.325

Sweetspot

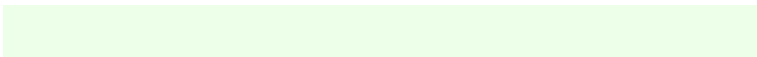
The Sweet Spot groups the original color and five complimentary colors.



98, 7.559, 183.313



100, 1.844, 184.125



98, 12.295, 138.449



53, 1.049, 184.151



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

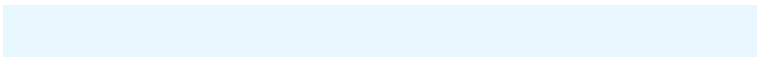
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 7.559, 183.313



98, 9.149, 183.143



97, 5.925, 232.277



52, 5.205, 183.191



69, 49.511, 171.758



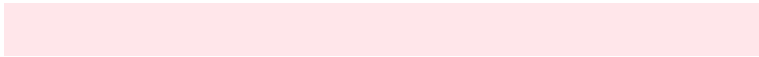
23, 22.127, 174.202

Inverse Universe

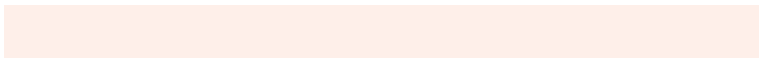
The Inverse Universe completely reimagines the original color for something new.



94, 7.820, 4.663



93, 9.531, 4.850



95, 6.192, 50.917



50, 5.412, 4.796



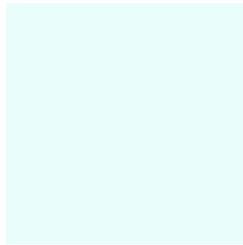
40, 75.410, 30.290



10, 32.039, 19.197

Previews

White Background



This preview shows how the CIELCh color 98, 7.557, 183.325 looks on a white background.

Color Contrast Check

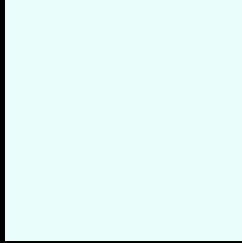
Large Text (above 18pt) WCAG AA × Fail

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, 7.557, 183.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

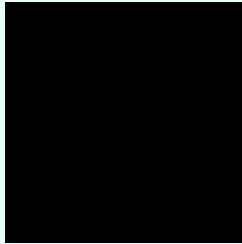
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

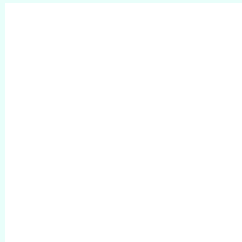
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 7.557, 183.325

Background



This preview shows how black text looks on a background with the CIELCh color 98, 7.557, 183.325.



This preview shows how white text looks on a background with the CIELCh color 98, 7.557, 183.325.

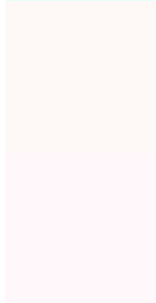
Color Blindness Simulation

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, 7.557, 183.325

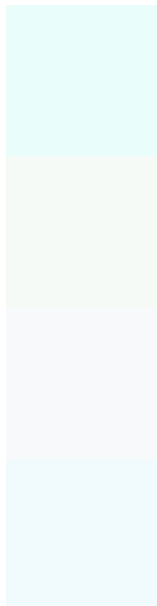


Protanopia
98, 2.340, 45.008

Deuteranopia
98, 3.223, 351.093

Tritanopia
98, 3.225, 271.658

Trichromacy



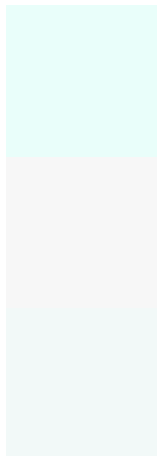
Original Color
98, 7.557, 183.325

Protanomaly
98, 2.080, 152.420

Deuteranomaly
98, 0.864, 236.459

Tritanomaly
98, 3.588, 215.914

Monochromacy



Original Color
98, 7.557, 183.325

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.499, 187.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 7.557, 183.325 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(233, 254, 250)` looks like.

```
.text, #text, p{  
    color:rgb(233, 254, 250)  
}
```

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(233, 254, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 254, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 7.557, 183.325 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(233, 254, 250) }
```

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

```
.border{ border-color:rgb(233, 254, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 254, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 254, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 254, 250);  
box-shadow:4px 4px 4px 4px rgb(233, 254,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 7.557, 183.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 254, 250) }
```

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

```
.background{ background-color: rgb(233,  
254, 250) }
```

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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