

Converting Colors

CIELCh(100, 11.531, 168.118)

Have a look what the booklet for
CIELCh(100, 11.531, 168.118)
contains.

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Color

CIELCh(98, 8.044, 180.480)

Conversions

Conversions Part 1

Format	Color
Hex	E8FEF9
RGB	232, 254, 249
RGB Percent	91%, 100%, 98%
CMY	0.0900, 0.0037, 0.0234
CMYK	0.09, 0.00, 0.02, 0.00
HSL	166°, 92%, 95%
HSV	166°, 9%, 100%
XYZ	85.8568, 94.9163, 103.4540
YIQ	246.8520, -11.5070, -6.2190

Conversions

Conversions Part 2

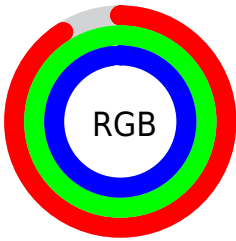
Format	Color
R _Y B	232, 244, 254
Decimal	15269625
CIE Lab	98.00, -8.04, -0.07
CIE LCh	98, 8.044, 180.480
Yxy	94.9163, 0.3021, 0.3339
Android (android.graphics.Color)	4293459705 (0xFFE8FEF9)
YUV	246.8520, 1.0590, -13.0252
Hunter-Lab	97.4250, -13.1887, 5.2384

Details

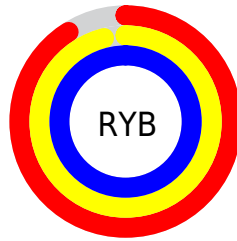
The CIELCh color **98, 8.044, 180.480** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 8.307, 1.939**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 7.903, 183.106** is the 20% darker color. If you saturate the color by 10%, you get **96, 17.110, 179.471**, and if you desaturate by 10%, it is **100, 0.529, 329.384**.

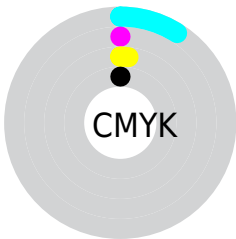
Distribution



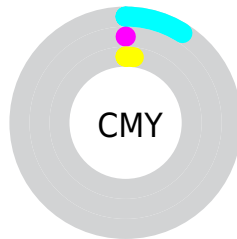
- Red (91%)
- Green (100%)
- Blue (98%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 8.044, 180.480 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, 8.044, 180.480 by changing the saturation by 10% instead.

 98, 8.044, 180.480

 98, 8.044, 180.480

 100, 8.044,
180.480

 88, 8.044, 180.480

 78, 8.044, 180.480

 68, 8.044, 180.480

 58, 8.044, 180.480

 48, 8.044, 180.480

 38, 8.044, 180.480

 28, 8.044, 180.480

 18, 8.044, 180.480

 8, 8.044, 180.480

98, 8.044, 180.480

98, 8.044, 180.480

96, 17.110,
179.471

100, 0.529,
329.384

95, 25.784,
178.438

100, 0.602,
323.949

93, 33.913,
177.336

92, 41.336,
176.141

91, 47.902,
174.832

91, 53.494,
173.383

90, 58.049,
171.770

90, 61.583,
169.974

 89, 64.243,
168.007

Harmonies

Complementary

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



98, 8.044, 180.480



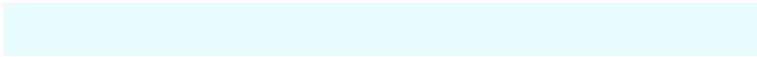
94, 8.307, 1.939

Rectangle

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



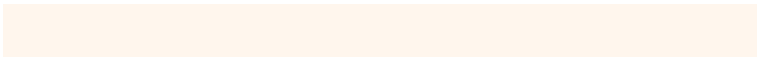
98, 8.044, 180.480



98, 8.044, 230.480



98, 8.044, 0.480



98, 8.044, 50.480

Sweetspot

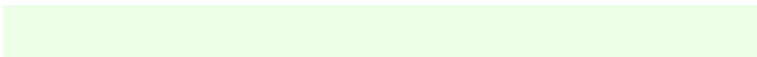
The Sweet Spot groups the original color and five complimentary colors.



98, 8.046, 180.470



99, 2.810, 181.129



98, 12.745, 137.434



53, 2.129, 181.011



0, 0.000, 0.000



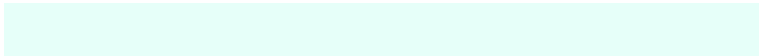
53, 0.007, 296.813

Same Dimension

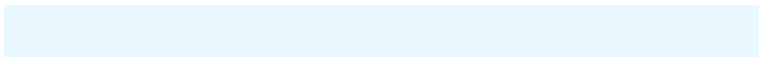
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 8.046, 180.470



98, 9.310, 180.334



97, 6.225, 228.067



52, 5.296, 180.384



69, 51.897, 168.111



23, 23.053, 170.792

Inverse Universe

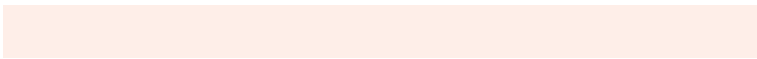
The Inverse Universe completely reimagines the original color for something new.



94, 8.307, 1.939



93, 9.659, 2.087



95, 6.542, 46.914



50, 5.485, 2.032



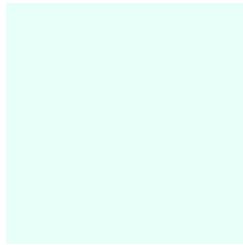
40, 73.636, 27.474



10, 31.825, 17.291

Previews

White Background



This preview shows how the CIELCh color 98, 8.044, 180.480 looks on a white background.

Color Contrast Check

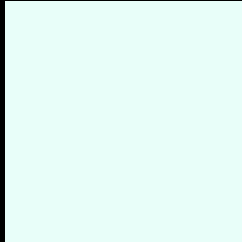
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 98, 8.044, 180.480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

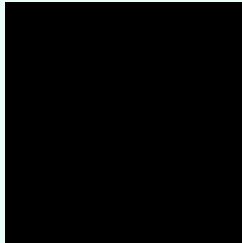
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

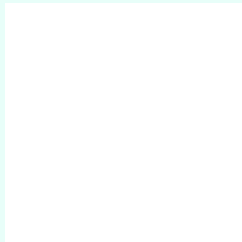
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 8.044, 180.480

Background



This preview shows how black text looks on a background with the CIELCh color 98, 8.044, 180.480.



This preview shows how white text looks on a background with the CIELCh color 98, 8.044, 180.480.

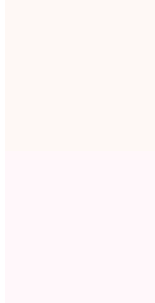
Color Blindness Simulation

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, 8.050, 180.477

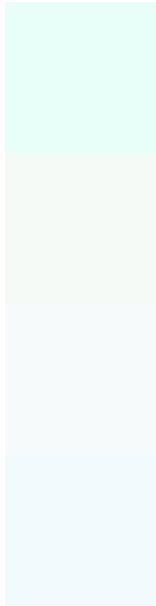


Protanopia
98, 2.599, 55.190

Deuteranopia
98, 3.223, 351.093

Tritanopia
98, 3.225, 271.658

Trichromacy



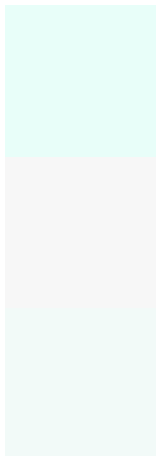
Original Color
98, 8.050, 180.477

Protanomaly
98, 2.481, 144.476

Deuteranomaly
98, 1.046, 199.962

Tritanomaly
98, 3.588, 215.914

Monochromacy



Original Color
98, 8.050, 180.477

Achromatopsia
97, 0.011, 296.813

Achromatomaly
98, 2.981, 179.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 8.044, 180.480 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(232, 254, 249)` looks like.

```
.text, #text, p{  
    color:rgb(232, 254, 249)  
}
```

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(232, 254, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 254, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 8.044, 180.480 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(232, 254, 249) }
```

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

```
.border{ border-color:rgb(232, 254, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 254, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 254, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 254, 249);  
box-shadow:4px 4px 4px 4px rgb(232, 254,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 8.044, 180.480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 254, 249) }
```

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

```
.background{ background-color: rgb(232,  
254, 249) }
```

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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