

Converting Colors

CIELCh(100, 13.711, 173.955)

Have a look what the booklet for
CIELCh(100, 13.711, 173.955)
contains.

CIELCh(98, 9.716, 189.767)	3
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Color

CIELCh(98, 9.716, 189.767)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFFC
RGB	227, 255, 252
RGB Percent	89%, 100%, 99%
CMY	0.1096, 0.0000, 0.0116
CMYK	0.11, 0.00, 0.01, 0.00
HSL	174°, 100%, 95%
HSV	174°, 11%, 100%
XYZ	85.0433, 94.9163, 105.9695
YIQ	246.2860, -15.7250, -6.8690

Conversions

Conversions Part 2

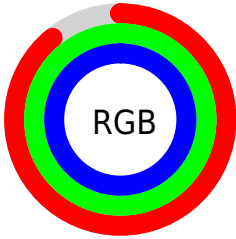
Format	Color
R _Y B	227, 242, 255
Decimal	14942204
CIE Lab	98.00, -9.58, -1.65
CIE LCh	98, 9.716, 189.767
Yxy	94.9163, 0.2974, 0.3320
Android (android.graphics.Color)	4293132284 (0xFFE3FFFC)
YUV	246.2860, 2.8170, -16.9138
Hunter-Lab	97.4250, -14.6792, 3.7075

Details

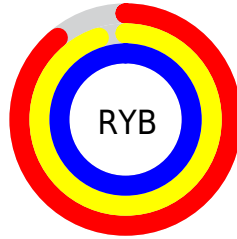
The CIELCh color **98, 9.716, 189.767** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **93, 10.258, 11.573**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 9.790, 189.229** is the 20% darker color. If you saturate the color by 10%, you get **96, 18.123, 189.056**, and if you desaturate by 10%, it is **100, 0.864, 191.351**.

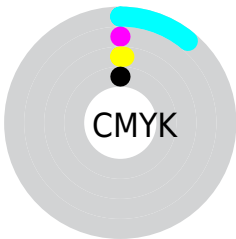
Distribution



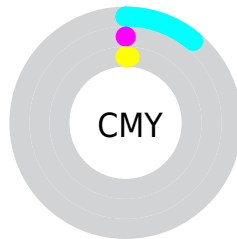
- Red (89%)
- Green (100%)
- Blue (99%)



- Red (89%)
- Yellow (95%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 9.716, 189.767 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, 9.716, 189.767 by changing the saturation by 10% instead.

 98, 9.716, 189.767

 98, 9.716, 189.767

 100, 9.716,
189.767

 88, 9.716, 189.767

 78, 9.716, 189.767

 68, 9.716, 189.767

 58, 9.716, 189.767

 48, 9.716, 189.767

 38, 9.716, 189.767

 28, 9.716, 189.767

 18, 9.716, 189.767

 8, 9.716, 189.767

98, 9.716, 189.767

98, 9.716, 189.767

96, 18.123,
189.056

100, 0.864,
191.351

95, 25.996,
188.229

100, 0.012,
296.813

94, 33.162,
187.386


93, 39.473,
186.513

92, 44.800,
185.597

91, 49.057,
184.619

91, 52.217,
183.562

91, 54.334,
182.407

 90, 55.536,
181.282

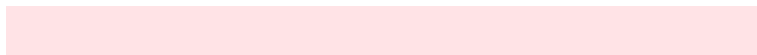
Harmonies

Complementary

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



98, 9.716, 189.767



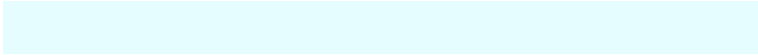
93, 10.258, 11.573

Rectangle

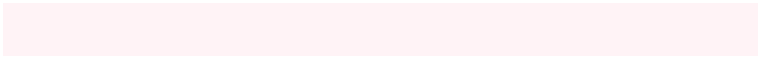
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 9.716, 189.767



98, 9.716, 239.767



98, 9.716, 9.767



98, 9.716, 59.767

Sweetspot

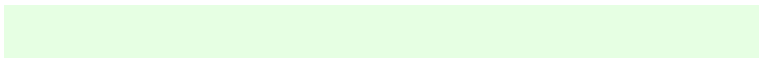
The Sweet Spot groups the original color and five complimentary colors.



98, 9.697, 189.887



99, 2.690, 190.687



98, 16.807, 140.692



53, 2.037, 190.574



0, 0.000, 0.000



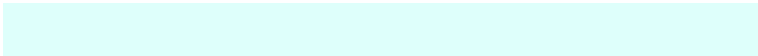
53, 0.007, 296.813

Same Dimension

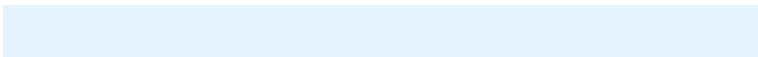
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 9.697, 189.887



98, 11.451, 189.715



95, 7.942, 243.134



52, 5.043, 190.012



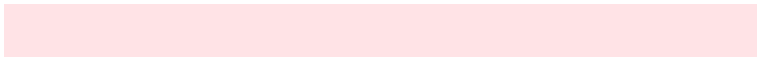
70, 44.637, 181.514



23, 20.244, 183.143

Inverse Universe

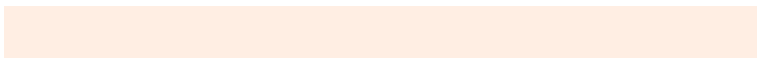
The Inverse Universe completely reimagines the original color for something new.



93, 10.258, 11.573



91, 12.245, 11.782



95, 8.329, 60.737



50, 5.294, 11.426



40, 79.702, 35.660



10, 32.562, 22.878

Previews

White Background



This preview shows how the CIELCh color 98, 9.716, 189.767 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, 9.716, 189.767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

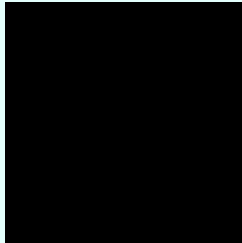
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

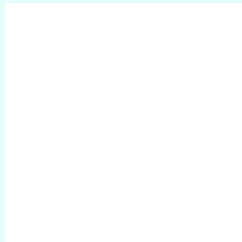
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 9.716, 189.767

Background



This preview shows how black text looks on a background with the CIELCh color 98, 9.716, 189.767.



This preview shows how white text looks on a background with the CIELCh color 98, 9.716, 189.767.

Color Blindness Simulation

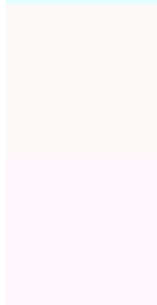
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

98, 9.716, 189.767



Protanopia

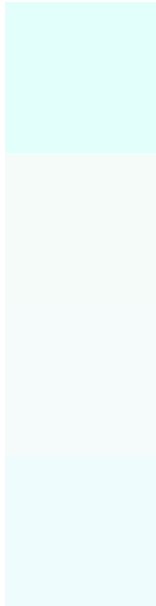
98, 1.762, 19.152

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.265, 251.001

Trichromacy



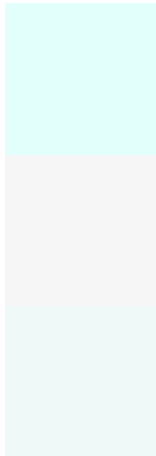
Original Color
98, 9.716, 189.767

Protanomaly
98, 2.655, 176.918

Deuteranomaly
98, 1.808, 216.065

Tritanomaly
98, 4.906, 211.260

Monochromacy



Original Color
98, 9.716, 189.767

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 3.522, 191.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 9.716, 189.767 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(227, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 252)  
}
```

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(227, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 9.716, 189.767 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(227, 255, 252) }
```

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

```
.border{ border-color:rgb(227, 255, 252) }
```

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

Here you see how a box with a 4 pixel rgb(227, 255, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 9.716, 189.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 252) }
```

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

```
.background{ background-color: rgb(227,  
255, 252) }
```

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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