

Converting Colors

CIELCh(98, 11.627, 187.150)

Have a look what the booklet for
CIELCh(98, 11.627, 187.150)
contains.

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Color

CIElCh(98, 11.024, 190.753)

Conversions

Conversions Part 1

Format	Color
Hex	E0FFFD
RGB	224, 255, 253
RGB Percent	88%, 100%, 99%
CMY	0.1224, 0.0000, 0.0087
CMYK	0.12, 0.00, 0.01, 0.00
HSL	176°, 100%, 94%
HSV	176°, 12%, 100%
XYZ	84.3803, 94.9163, 106.6262
YIQ	245.5030, -17.8340, -7.1940

Conversions

Conversions Part 2

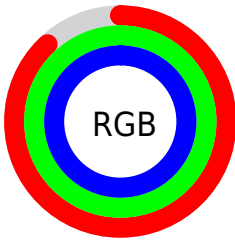
Format	Color
R_{YB}	224, 240, 255
Decimal	14745597
CIE _{Lab}	98.00, -10.83, -2.06
CIE _{LCh}	98, 11.024, 190.753
Yxy	94.9163, 0.2951, 0.3320
Android (android.graphics.Color)	4292935677 (0xFFE0FFFD)
YUV	245.5030, 3.6960, -18.8581
Hunter-Lab	97.4250, -15.8939, 3.3079

Details

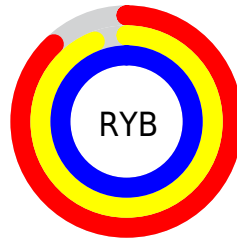
The CIELCh color **98, 11.024, 190.753** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **92, 11.454, 14.490**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 10.363, 192.704** is the 20% darker color. If you saturate the color by 10%, you get **96, 18.934, 191.974**, and if you desaturate by 10%, it is **100, 1.999, 193.703**.

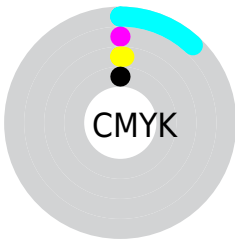
Distribution



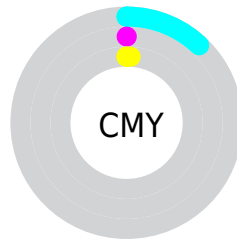
- Red (88%)
- Green (100%)
- Blue (99%)



- Red (88%)
- Yellow (94%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 11.024, 190.753 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, 11.024, 190.753 by changing the saturation by 10% instead.


 98, 11.024,
190.753


 98, 11.024,
190.753


 100, 11.024,
190.753


 88, 11.024,
190.753


 78, 11.024,
190.753

 68, 11.024,
190.753

 58, 11.024,
190.753

 48, 11.024,
190.753

 38, 11.024,
190.753

 28, 11.024,

190.753

■ 18, 11.024,
190.753

■ 8, 11.024, 190.753

■ 98, 11.024,
190.753

■ 98, 11.024,
190.753

■ 96, 18.934,
191.974

■ 100, 1.999,
193.703

■ 95, 26.562,
191.250

100, 0.012,
296.813

■ 94, 33.430,
190.530

■ 93, 39.393,
189.807

■ 92, 44.336,
189.071

■ 91, 48.184,
188.310

■ 91, 50.927,
187.506

■ 91, 52.636,
186.646

■ 91, 53.413,
185.940

Harmonies

Complementary

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



98, 11.024, 190.753



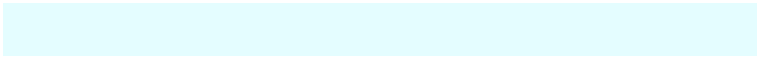
92, 11.454, 14.490

Rectangle

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



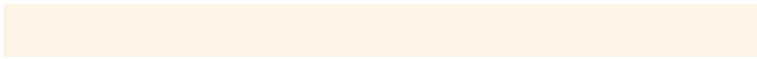
98, 11.024, 190.753



98, 11.024, 240.753



98, 11.024, 10.753



98, 11.024, 60.753

Sweetspot

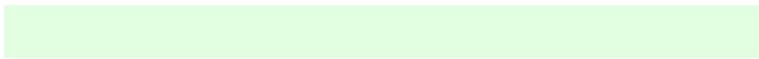
The Sweet Spot groups the original color and five complimentary colors.



98, 10.698, 192.718



99, 3.554, 193.434



97, 18.986, 141.528



53, 2.522, 193.351



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

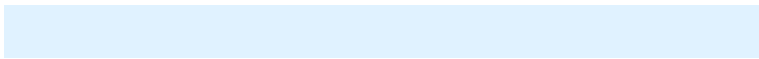
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 10.698, 192.718



97, 13.020, 192.509



95, 8.987, 247.426



52, 4.998, 192.932



70, 42.966, 186.107



24, 19.596, 187.275

Inverse Universe

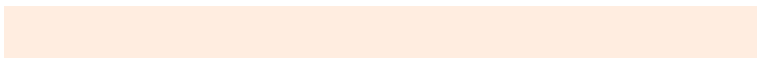
The Inverse Universe completely reimagines the original color for something new.



92, 11.454, 14.490



90, 14.169, 14.763



95, 9.423, 64.533



50, 5.268, 14.227



40, 81.297, 37.308



10, 32.809, 24.323

Previews

White Background



This preview shows how the CIE LCh color 98, 11.024, 190.753 looks on a white background.

Color Contrast Check

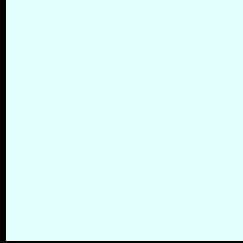
Large Text (above 18pt) WCAG AA × Fail

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, 11.024, 190.753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

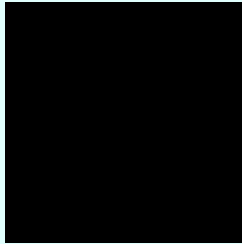
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 11.024, 190.753

Background



This preview shows how black text looks on a background with the CIELCh color 98, 11.024, 190.753.



This preview shows how white text looks on a background with the CIELCh color 98, 11.024, 190.753.

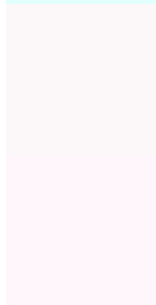
Color Blindness Simulation

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

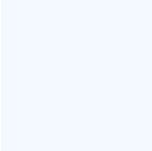


Original Color
98, 10.608, 193.254



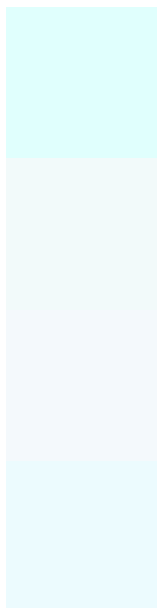
Protanopia
98, 1.842, 3.101

Deuteranopia
98, 4.090, 340.937



Tritanopia
98, 3.674, 256.132

Trichromacy



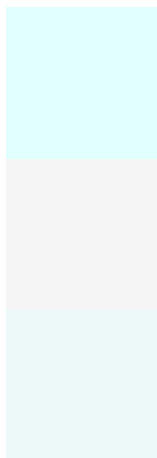
Original Color
98, 10.608, 193.254

Protanomaly
98, 2.780, 199.461

Deuteranomaly
98, 2.302, 241.396

Tritanomaly
98, 5.347, 215.888

Monochromacy



Original Color
98, 10.608, 193.254

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 4.205, 192.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 11.024, 190.753 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(224, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 253)  
}
```

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(224, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 11.024, 190.753 is called "border". The border property can be set on classes, ids or directly on the HTML element.

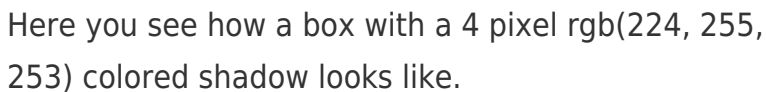
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 255, 253) }
```

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

```
.border{ border-color:rgb(224, 255, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 255, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 255, 253); box-shadow:4px 4px 4px 4px rgb(224, 255, 253) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 11.024, 190.753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 253) }
```

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

```
.background{ background-color: rgb(224,  
255, 253) }
```

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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