

Converting Colors

CIELCh(98, 4.346, 219.041)

Have a look what the booklet for
CIELCh(98, 4.346, 219.041) contains.

CIELCh(98, 4.066, 221.485)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(98, 4.066, 221.485)

Conversions

Conversions Part 1

Format	Color
Hex	F0FBFE
RGB	240, 251, 254
RGB Percent	94%, 98%, 100%
CMY	0.0577, 0.0146, 0.0028
CMYK	0.06, 0.01, 0.00, 0.00
HSL	193°, 91%, 97%
HSV	193°, 6%, 100%
XYZ	88.5478, 94.9163, 107.6548
YIQ	248.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

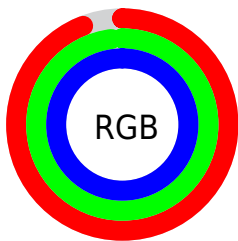
Format	Color
R _Y B	240, 246, 254
Decimal	15793150
CIE Lab	98.00, -3.05, -2.69
CIE LCh	98, 4.066, 221.485
Yxy	94.9163, 0.3042, 0.3260
Android (android.graphics.Color)	4293983230 (0xFFFF0FBFE)
YUV	248.0530, 2.9319, -7.0625
Hunter-Lab	97.4250, -8.2584, 2.6819

Details

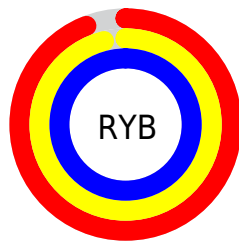
The CIELCh color **98, 4.066, 221.485** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 4.201, 40.812**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 4.092, 214.434** is the 20% darker color. If you saturate the color by 10%, you get **95, 11.158, 221.797**, and if you desaturate by 10%, it is **100, 0.353, 109.932**.

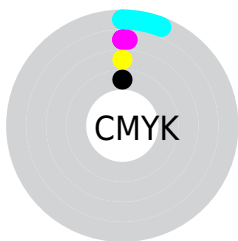
Distribution



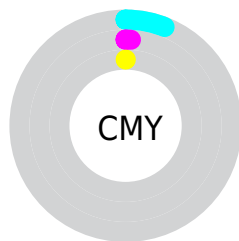
- Red (94%)
- Green (98%)
- Blue (100%)



- Red (94%)
- Yellow (96%)
- Blue (100%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 4.066, 221.485 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, 4.066, 221.485 by changing the saturation by 10% instead.

 98, 4.066, 221.485

 98, 4.066, 221.485

 100, 4.066,
221.485

 88, 4.066, 221.485

 78, 4.066, 221.485

 68, 4.066, 221.485

 58, 4.066, 221.485

 48, 4.066, 221.485

 38, 4.066, 221.485

 28, 4.066, 221.485

 18, 4.066, 221.485

 8, 4.066, 221.485

98, 4.066, 221.485

98, 4.066, 221.485

95, 11.158,
221.797

100, 0.353,
109.932

92, 17.792,
222.409

89, 23.861,
223.270

86, 29.251,
224.437

84, 33.860,
225.982

82, 37.610,
227.990

80, 40.476,
230.553

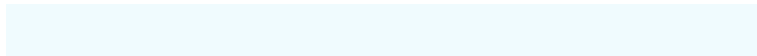
78, 42.505,
233.753

■ 76, 43.843,
237.627

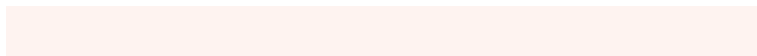
Harmonies

Complementary

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



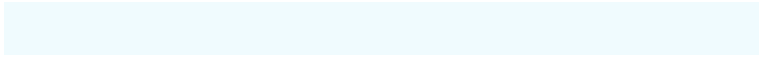
98, 4.066, 221.485



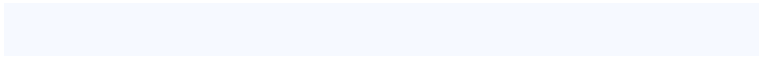
97, 4.201, 40.812

Rectangle

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



98, 4.066, 221.485



98, 4.066, 271.485



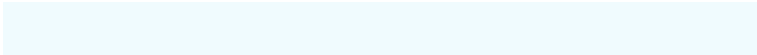
98, 4.066, 41.485



98, 4.066, 91.485

Sweetspot

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



98, 4.066, 221.451



99, 1.494, 221.605



98, 7.571, 150.225



53, 0.849, 221.624



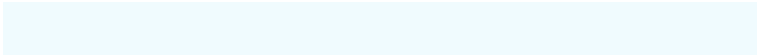
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



98, 4.066, 221.451



98, 5.162, 221.474



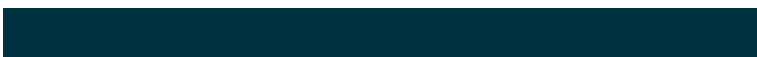
96, 5.207, 274.440



52, 3.349, 221.488



58, 35.691, 238.719



19, 16.204, 233.103

Inverse Universe

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



96, 7.522, 331.320



96, 9.593, 331.426



98, 5.183, 92.976



50, 6.236, 331.468



43, 78.860, 339.053



11, 36.979, 337.478

Previews

White Background



This preview shows how the CIELCh color 98, 4.066, 221.485 looks on a white background.

Color Contrast Check

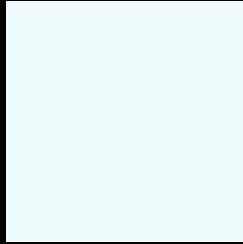
Large Text (above 18pt) WCAG AA × Fail

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, 4.066, 221.485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

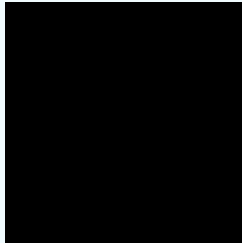
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 4.066, 221.485

Background



This preview shows how black text looks on a background with the CIELCh color 98, 4.066, 221.485.

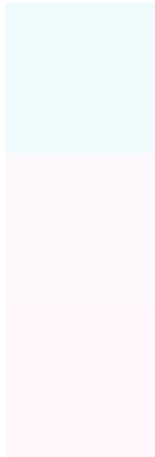


This preview shows how white text looks on a background with the CIELCh color 98, 4.066, 221.485.

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, 4.066, 221.485

Protanopia

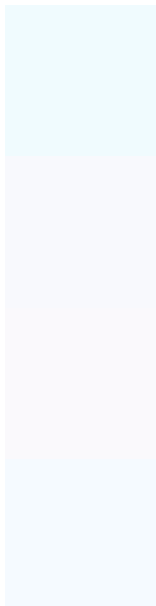
98, 2.498, 324.407

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.137, 277.676

Trichromacy



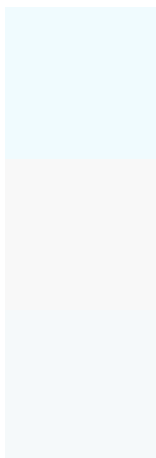
Original Color
98, 4.066, 221.485

Protanomaly
98, 2.074, 280.718

Deuteranomaly
98, 1.584, 303.067

Tritanomaly
98, 3.064, 256.053

Monochromacy



Original Color
98, 4.066, 221.485

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.480, 219.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 4.066, 221.485 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(240, 251, 254)` looks like.

```
.text, #text, p{  
    color:rgb(240, 251, 254)  
}
```

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(240, 251, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 251, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 4.066, 221.485 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(240, 251, 254) }
```

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

```
.border{ border-color:rgb(240, 251, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 251, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 251, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 251, 254);  
box-shadow:4px 4px 4px 4px rgb(240, 251,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 4.066, 221.485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 251, 254) }
```

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

```
.background{ background-color: rgb(240,  
251, 254) }
```

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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