

Converting Colors

CIELCh(99, 24.460, 288.324)

Have a look what the booklet for
CIELCh(99, 24.460, 288.324)
contains.

CIELCh(98, 3.497, 260.845)	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, 3.497, 260.845)

Conversions

Conversions Part 1

Format	Color
Hex	F5FAFF
RGB	245, 250, 255
RGB Percent	96%, 98%, 100%
CMY	0.0399, 0.0203, 0.0000
CMYK	0.04, 0.02, 0.00, 0.00
HSL	210°, 100%, 98%
HSV	210°, 4%, 100%
XYZ	89.9089, 94.9163, 108.8898
YIQ	249.0750, -4.5850, 0.4950

Conversions

Conversions Part 2

Format	Color
R _Y B	245, 248, 255
Decimal	16120575
CIE Lab	98.00, -0.56, -3.45
CIE LCh	98, 3.497, 260.845
Yxy	94.9163, 0.3061, 0.3232
Android (android.graphics.Color)	4294310655 (0xFF5FAFF)
YUV	249.0750, 2.9210, -3.5738
Hunter-Lab	97.4250, -5.7644, 1.9303

Details

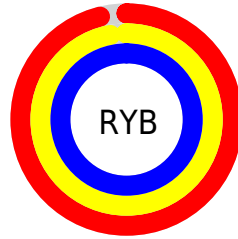
The CIELCh color 98, 3.497, 260.845 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 3.150, 75.656, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 2.785, 249.843 is the 20% darker color. If you saturate the color by 10%, you get 93, 10.937, 258.247, and if you desaturate by 10%, it is 100, 0.012, 296.813.

Distribution



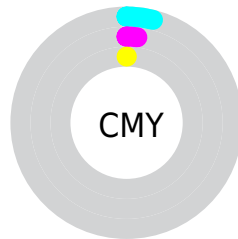
- Red (96%)
- Green (98%)
- Blue (100%)



- Red (96%)
- Yellow (97%)
- Blue (100%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 3.497, 260.845 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, 3.497, 260.845 by changing the saturation by 10% instead.

 98, 3.497, 260.845

 98, 3.497, 260.845

 100, 3.497,
260.845

 88, 3.497, 260.845

 78, 3.497, 260.845

 68, 3.497, 260.845

 58, 3.497, 260.845

 48, 3.497, 260.845

 38, 3.497, 260.845

 28, 3.497, 260.845

 18, 3.497, 260.845

 8, 3.497, 260.845

98, 3.497, 260.845

98, 3.497, 260.845

93, 10.937,
258.247

100, 0.012,
296.813

88, 18.659,
259.918

83, 26.274,
261.921

78, 33.761,
264.310

73, 41.116,
267.145

69, 48.363,
270.470

64, 55.567,
274.292

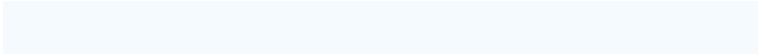
60, 62.830,
278.551

■ 56, 70.267,
283.092

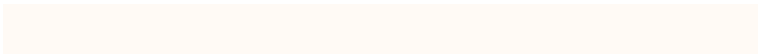
Harmonies

Complementary

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



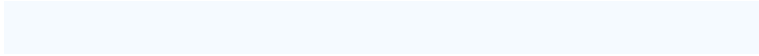
98, 3.497, 260.845



99, 3.150, 75.656

Rectangle

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



98, 3.497, 260.845



98, 3.497, 310.845



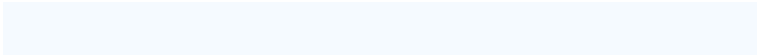
98, 3.497, 80.845



98, 3.497, 130.845

Sweetspot

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



98, 3.137, 256.924



99, 0.793, 256.951



99, 4.414, 163.432



53, 0.451, 256.974



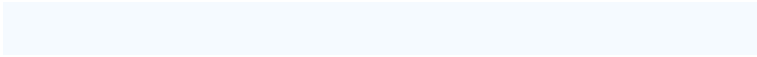
0, 0.000, 0.000



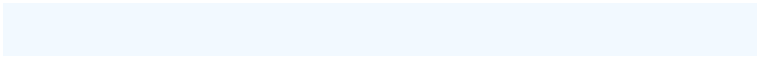
53, 0.007, 296.813

Same Dimension

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



98, 3.137, 256.924



97, 3.927, 257.029



97, 5.215, 290.589



52, 2.678, 257.109



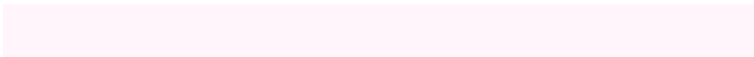
41, 59.254, 284.966



12, 24.080, 278.475

Inverse Universe

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



97, 4.427, 344.306



97, 5.552, 344.414



100, 5.149, 109.778



51, 3.791, 344.485



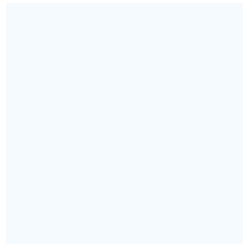
41, 68.169, 2.880



10, 31.795, 357.156

Previews

White Background



This preview shows how the CIELCh color 98, 3.497, 260.845 looks on a white background.

Color Contrast Check

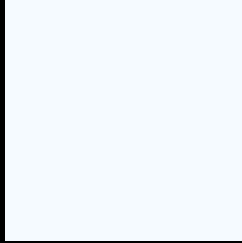
Large Text (above 18pt) WCAG AA × Fail

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, 3.497, 260.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

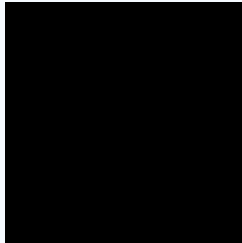
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

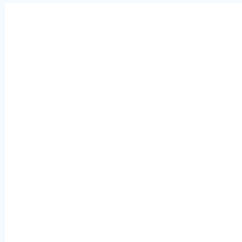
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 3.497, 260.845

Background



This preview shows how black text looks on a background with the CIELCh color 98, 3.497, 260.845.

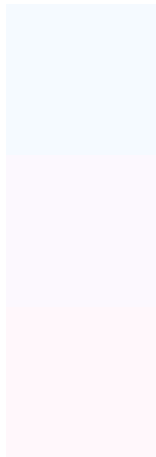


This preview shows how white text looks on a background with the CIELCh color 98, 3.497, 260.845.

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, 3.064, 256.053

Protanopia

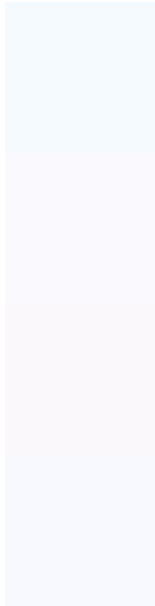
98, 3.389, 314.707

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.084, 283.981

Trichromacy



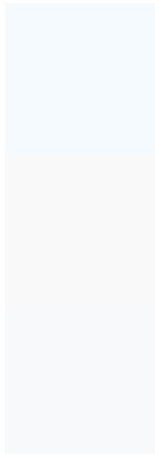
Original Color
98, 3.064, 256.053

Protanomaly
98, 2.560, 290.400

Deuteranomaly
98, 2.316, 317.263

Tritanomaly
98, 3.137, 277.676

Monochromacy



Original Color
98, 3.064, 256.053

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.235, 255.966

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 3.497, 260.845 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(245, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 250, 255)  
}
```

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(245, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 250, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 3.497, 260.845 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(245, 250, 255) }
```

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

```
.border{ border-color:rgb(245, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 250,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 3.497, 260.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 250, 255) }
```

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

```
.background{ background-color: rgb(245,  
250, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor