

Converting Colors

CIE LCh(98, 3.307, 238.351)

Have a look what the booklet for
CIELCh(98, 3.307, 238.351) contains.

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Color

CIELCh(98, 3.408, 236.267)

Conversions

Conversions Part 1

Format	Color
Hex	F3FBFF
RGB	243, 251, 255
RGB Percent	95%, 98%, 100%
CMY	0.0486, 0.0173, 0.0016
CMYK	0.05, 0.02, 0.00, 0.00
HSL	200°, 94%, 97%
HSV	200°, 5%, 100%
XYZ	89.1767, 94.9163, 107.8832
YIQ	249.0640, -6.0520, -0.4520

Conversions

Conversions Part 2

Format	Color
R _Y B	243, 248, 255
Decimal	15989759
CIE Lab	98.00, -1.89, -2.83
CIE LCh	98, 3.408, 236.267
Yxy	94.9163, 0.3054, 0.3251
Android (android.graphics.Color)	4294179839 (0xFFFF3FBFF)
YUV	249.0640, 2.9264, -5.3181
Hunter-Lab	97.4250, -7.1061, 2.5429

Details

The CIELCh color 98, 3.408, 236.267 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 3.479, 55.112, 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, 3.283, 228.675 is the 20% darker color. If you saturate the color by 10%, you get 94, 10.434, 237.115, and if you desaturate by 10%, it is 100, 0.195, 109.767.

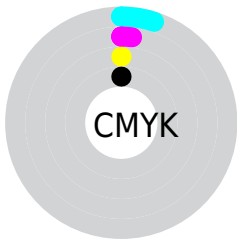
Distribution



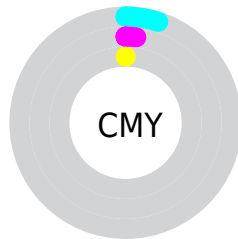
- Red (95%)
- Green (98%)
- Blue (100%)



- Red (95%)
- Yellow (97%)
- Blue (100%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 3.408, 236.267 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, 3.408, 236.267 by changing the saturation by 10% instead.

 98, 3.408, 236.267

 98, 3.408, 236.267

 100, 3.408,
236.267

 88, 3.408, 236.267

 78, 3.408, 236.267

 68, 3.408, 236.267

 58, 3.408, 236.267

 48, 3.408, 236.267

 38, 3.408, 236.267

 28, 3.408, 236.267

 18, 3.408, 236.267

 8, 3.408, 236.267

98, 3.408, 236.267

98, 3.408, 236.267

94, 10.434,
237.115

100, 0.195,
109.767

90, 17.137,
238.350

87, 23.439,
239.916

83, 29.262,
241.882

80, 34.545,
244.334

76, 39.255,
247.362

73, 43.411,
251.043

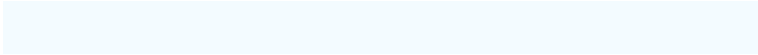
70, 47.110,
255.404

■ 68, 50.530,
260.381

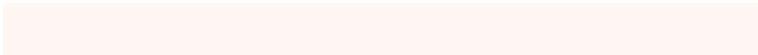
Harmonies

Complementary

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



98, 3.408, 236.267



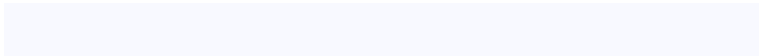
98, 3.479, 55.112

Rectangle

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



98, 3.408, 236.267



98, 3.408, 286.267



98, 3.408, 56.267



98, 3.408, 106.267

Sweetspot

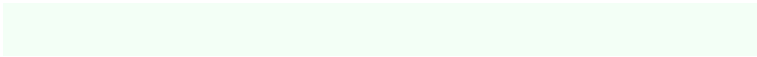
The Sweet Spot groups the original color and five complimentary colors.



98, 3.408, 236.225



100, 0.733, 236.532



99, 5.950, 154.707



53, 0.417, 236.570



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, 3.408, 236.225



98, 4.334, 236.306



97, 5.066, 281.962



52, 2.871, 236.354



51, 41.768, 262.150



16, 17.967, 254.925

Inverse Universe

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



97, 5.910, 335.912



96, 7.544, 336.019



99, 5.018, 100.824



51, 5.007, 336.072



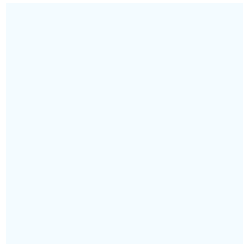
42, 72.833, 347.452



11, 34.344, 344.420

Previews

White Background



This preview shows how the CIELCh color 98, 3.408, 236.267 looks on a white background.

Color Contrast Check

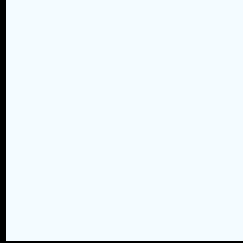
Large Text (above 18pt) WCAG AA × Fail

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, 3.408, 236.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

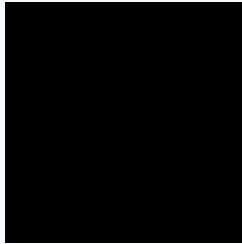
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

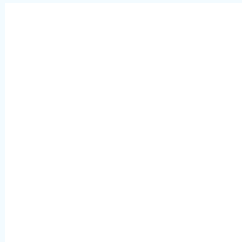
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 3.408, 236.267

Background



This preview shows how black text looks on a background with the CIELCh color 98, 3.408, 236.267.

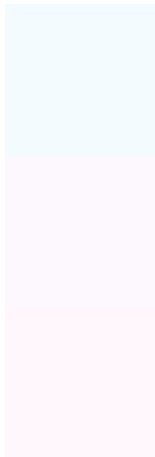


This preview shows how white text looks on a background with the CIELCh color 98, 3.408, 236.267.

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, 3.408, 236.267

Protanopia

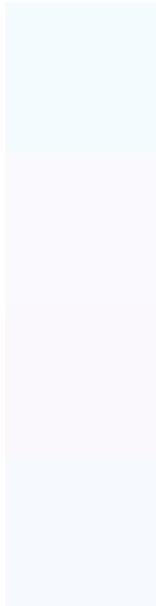
98, 2.933, 318.815

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.084, 283.981

Trichromacy



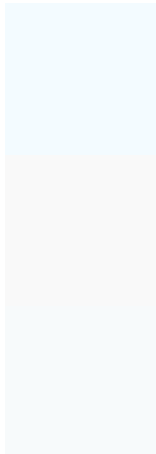
Original Color
98, 3.408, 236.267

Protanomaly
98, 2.560, 290.400

Deuteranomaly
98, 2.176, 309.073

Tritanomaly
98, 2.889, 261.773

Monochromacy



Original Color
98, 3.408, 236.267

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.160, 226.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 3.408, 236.267 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(243, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 251, 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(243, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 251, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 3.408, 236.267 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(243, 251, 255) }
```

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

```
.border{ border-color:rgb(243, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 251,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 3.408, 236.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 251, 255) }
```

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

```
.background{ background-color: rgb(243,  
251, 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](#).

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