

Converting Colors

CIELCh(98, 2.899, 234.509)

Have a look what the booklet for
CIELCh(98, 2.899, 234.509) contains.

CIELCh(98, 3.144, 240.041)	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, 3.144, 240.041)

Conversions

Conversions Part 1

Format	Color
Hex	F3FAFE
RGB	243, 250, 254
RGB Percent	95%, 98%, 100%
CMY	0.0455, 0.0181, 0.0024
CMYK	0.04, 0.02, 0.00, 0.00
HSL	202°, 90%, 98%
HSV	202°, 4%, 100%
XYZ	89.3530, 94.9163, 107.7042
YIQ	248.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

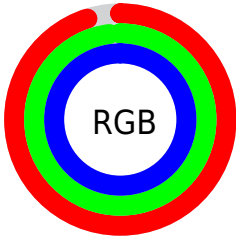
Format	Color
R _Y B	243, 247, 254
Decimal	15989502
CIE Lab	98.00, -1.57, -2.72
CIE LCh	98, 3.144, 240.041
Yxy	94.9163, 0.3060, 0.3251
Android (android.graphics.Color)	4294179582 (0xFF3FAFE)
YUV	248.3630, 2.7790, -4.7034
Hunter-Lab	97.4250, -6.7829, 2.6518

Details

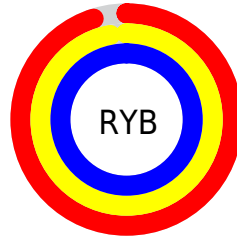
The CIELCh color **98, 3.144, 240.041** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98, 3.195, 58.837**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 2.979, 232.082** is the 20% darker color. If you saturate the color by 10%, you get **94, 10.232, 240.985**, and if you desaturate by 10%, it is **100, 0.297, 109.896**.

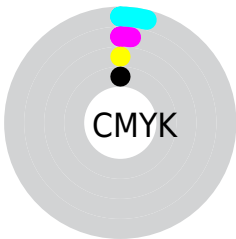
Distribution



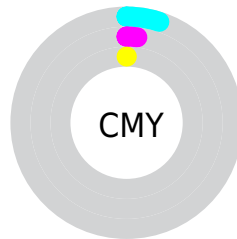
- Red (95%)
- Green (98%)
- Blue (100%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 3.144, 240.041 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, 3.144, 240.041 by changing the saturation by 10% instead.

 98, 3.144, 240.041

 98, 3.144, 240.041

 100, 3.144,
240.041

 88, 3.144, 240.041

 78, 3.144, 240.041

 68, 3.144, 240.041

 58, 3.144, 240.041

 48, 3.144, 240.041

 38, 3.144, 240.041

 28, 3.144, 240.041

 18, 3.144, 240.041

 8, 3.144, 240.041

98, 3.144, 240.041

98, 3.144, 240.041

94, 10.232,
240.985

100, 0.297,
109.896

90, 17.037,
242.336

86, 23.492,
244.025

82, 29.529,
246.122

79, 35.096,
248.709

75, 40.172,
251.870

72, 44.787,
255.668

69, 49.042,
260.114

■ 66, 53.114,
265.119

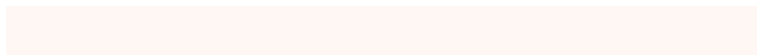
Harmonies

Complementary

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



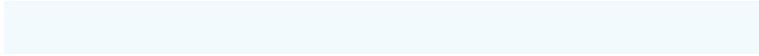
98, 3.144, 240.041



98, 3.195, 58.837

Rectangle

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



98, 3.144, 240.041



98, 3.144, 290.041



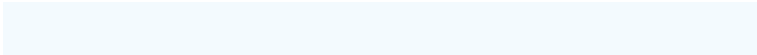
98, 3.144, 60.041



98, 3.144, 110.041

Sweetspot

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



98, 3.144, 239.996



100, 0.736, 240.260



99, 5.326, 156.149



53, 0.419, 240.294



0, 0.000, 0.000



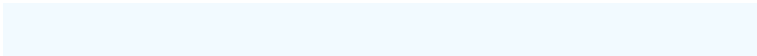
53, 0.007, 296.813

Same Dimension

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



98, 3.144, 239.996



98, 3.636, 240.040



97, 4.819, 283.763



52, 2.478, 240.093



49, 44.206, 267.089



15, 18.766, 259.819

Inverse Universe

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



97, 5.305, 337.195



97, 6.147, 337.255



99, 4.769, 102.746



51, 4.196, 337.315



42, 71.621, 349.881



11, 33.775, 346.414

Previews

White Background



This preview shows how the CIE LCh color 98, 3.144, 240.041 looks on a white background.

Color Contrast Check

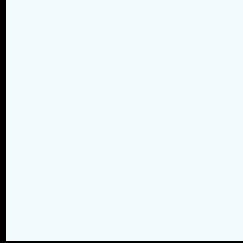
Large Text (above 18pt) WCAG AA × Fail

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, 3.144, 240.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

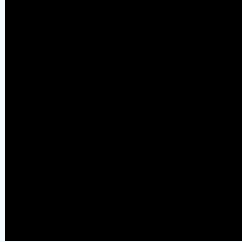
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

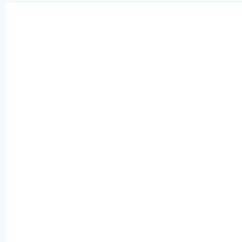
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 3.144, 240.041

Background



This preview shows how black text looks on a background with the CIELCh color 98, 3.144, 240.041.

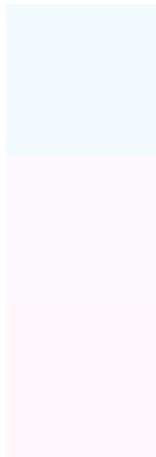


This preview shows how white text looks on a background with the CIELCh color 98, 3.144, 240.041.

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, 3.144, 240.041

Protanopia

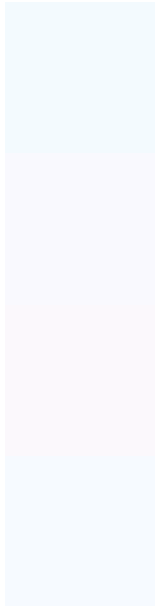
98, 2.933, 318.815

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.084, 283.981

Trichromacy



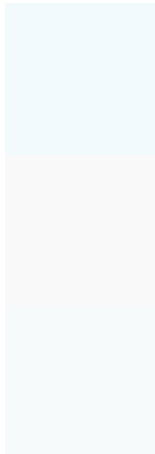
Original Color
98, 3.144, 240.041

Protanomaly
98, 2.560, 290.400

Deuteranomaly
98, 2.316, 317.263

Tritanomaly
98, 2.889, 261.773

Monochromacy



Original Color
98, 3.144, 240.041

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, 3.144, 240.041 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, 250, 254)` looks like.

```
.text, #text, p{  
    color:rgb(243, 250, 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(243, 250, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 250, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 3.144, 240.041 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, 250, 254) }
```

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

```
.border{ border-color:rgb(243, 250, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 250, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 250, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 250, 254);  
box-shadow:4px 4px 4px 4px rgb(243, 250,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 3.144, 240.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 250, 254) }
```

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

```
.background{ background-color: rgb(243,  
250, 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](#).

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