

Converting Colors

CIELCh(100, 13.938, 18.308)

Have a look what the booklet for
CIELCh(100, 13.938, 18.308)
contains.

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Color

CIELCh(98, 3.228, 10.341)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7F8
RGB	255, 247, 248
RGB Percent	100%, 97%, 97%
CMY	0.0000, 0.0306, 0.0267
CMYK	0.00, 0.03, 0.03, 0.00
HSL	352°, 100%, 98%
HSV	352°, 3%, 100%
XYZ	91.9754, 94.9163, 102.4363
YIQ	249.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

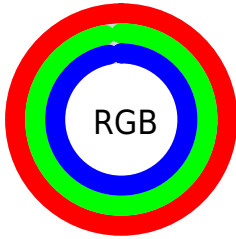
Format	Color
R_{YB}	255, 247, 248
Decimal	16775160
CIE Lab	98.00, 3.18, 0.58
CIE LCh	98, 3.228, 10.341
Yxy	94.9163, 0.3179, 0.3281
Android (android.graphics.Color)	4294965240 (0xFFFFF7F8)
YUV	249.5060, -0.7425, 5.8182
Hunter-Lab	97.4250, -1.9782, 5.8577

Details

The CIELCh color **98, 3.228, 10.341** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 2.760, 188.892**, 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, 2.654, 7.807** is the 20% darker color. If you saturate the color by 10%, you get **91, 12.352, 10.054**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

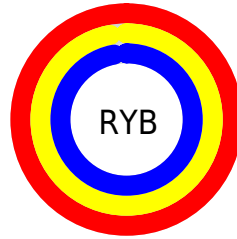
Distribution



Red (100%)

Green (97%)

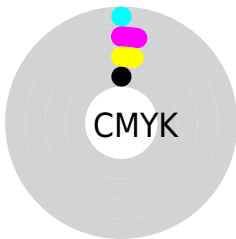
Blue (97%)



Red (100%)

Yellow (97%)

Blue (97%)

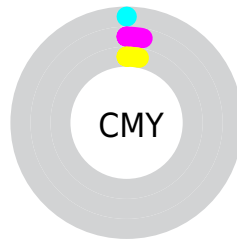


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (0%)



Cyan (0%)













Magenta (3%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 3.228, 10.341 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, 3.228, 10.341 by changing the saturation by 10% instead.

-  98, 3.228, 10.341
-  98, 3.228, 10.341
-  100, 3.228, 10.341
-  88, 3.228, 10.341
-  78, 3.228, 10.341
-  68, 3.228, 10.341
-  58, 3.228, 10.341
-  48, 3.228, 10.341
-  38, 3.228, 10.341
-  28, 3.228, 10.341
-  18, 3.228, 10.341
-  8, 3.228, 10.341

98, 3.228, 10.341

98, 3.228, 10.341

91, 12.352, 10.054

100, 0.012,
296.813

85, 22.480, 11.208

78, 33.127, 12.609

72, 44.146, 14.356

67, 55.282, 16.569

62, 66.177, 19.389

58, 76.431, 22.947

56, 85.710, 27.272

54, 93.772, 32.111

Harmonies

Complementary

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



98, 3.228, 10.341



99, 2.760, 188.892

Rectangle

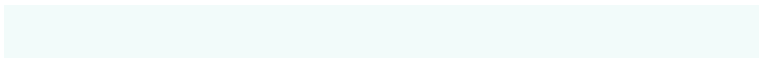
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



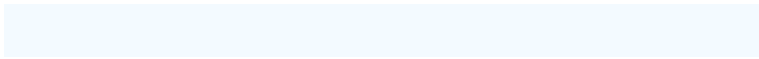
98, 3.228, 10.341



98, 3.228, 60.341



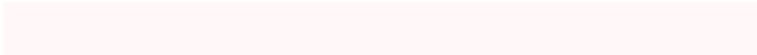
98, 3.228, 190.341



98, 3.228, 240.341

Sweetspot

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



98, 2.806, 8.944



99, 0.913, 8.302



98, 4.661, 320.852



53, 0.519, 8.261



0, 0.000, 0.000



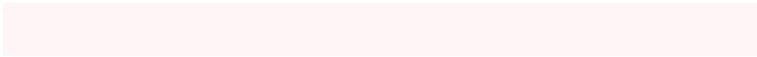
53, 0.007, 296.813

Same Dimension

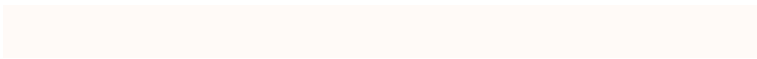
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 2.806, 8.944



97, 3.678, 9.079



99, 2.254, 59.295



51, 2.620, 9.172



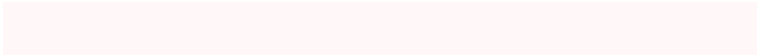
40, 78.614, 34.443



10, 32.418, 21.959

Inverse Universe

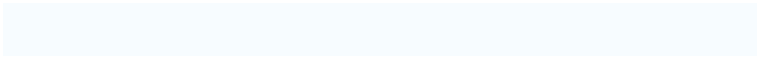
The Inverse Universe completely reimagines the original color for something new.



98, 2.806, 8.944



97, 3.678, 9.079



99, 2.236, 240.364



51, 2.620, 9.172



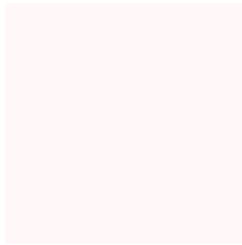
40, 78.614, 34.443



10, 32.418, 21.959

Previews

White Background



This preview shows how the CIELCh color 98, 3.228, 10.341 looks on a white background.

Color Contrast Check

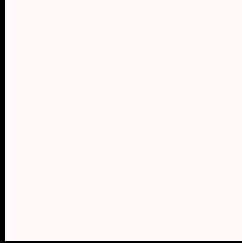
Large Text (above 18pt) WCAG AA × Fail

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, 3.228, 10.341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

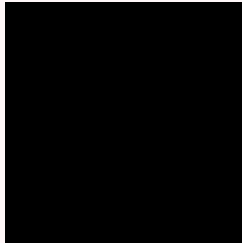
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 3.228, 10.341

Background



This preview shows how black text looks on a background with the CIELCh color 98, 3.228, 10.341.



This preview shows how white text looks on a background with the CIELCh color 98, 3.228, 10.341.

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, 2.876, 9.172

Protanopia

98, 1.762, 19.152

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 4.469, 313.399

Trichromacy



Original Color

98, 2.876, 9.172

Protanomaly

98, 2.116, 19.237

Deuteranomaly

98, 3.011, 359.612

Tritanomaly

98, 3.741, 324.491

Monochromacy



Original Color

98, 2.876, 9.172

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 1.055, 18.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 3.228, 10.341 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(255, 247, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 248)  
}
```

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(255, 247, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 3.228, 10.341 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(255, 247, 248) }
```

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

```
.border{ border-color:rgb(255, 247, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 3.228, 10.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 248) }
```

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

```
.background{ background-color: rgb(255,  
247, 248) }
```

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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