

Converting Colors

CIE LCh(98, 2.294, 137.328)

Have a look what the booklet for
CIELCh(98, 2.294, 137.328) contains.

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Color

CIELCh(98, 2.296, 137.327)

Conversions

Conversions Part 1

Format	Color
Hex	F7FAF6
RGB	247, 250, 246
RGB Percent	97%, 98%, 96%
CMY	0.0308, 0.0191, 0.0348
CMYK	0.01, 0.00, 0.02, 0.02
HSL	105°, 29%, 97%
HSV	105°, 2%, 98%
XYZ	89.2885, 94.9163, 100.9122
YIQ	248.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

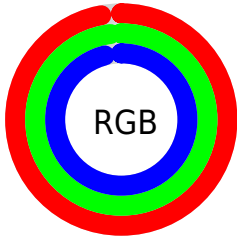
Format	Color
R _Y B	246, 250, 249
Decimal	16251638
CIE Lab	98.00, -1.69, 1.56
CIE LCh	98, 2.296, 137.327
Yxy	94.9163, 0.3132, 0.3329
Android (android.graphics.Color)	4294441718 (0xFF7FAF6)
YUV	248.6470, -1.3050, -1.4444
Hunter-Lab	97.4250, -6.9013, 6.7853

Details

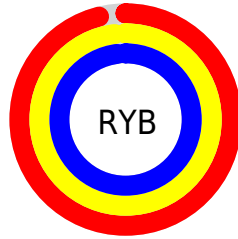
The CIELCh color 98, 2.296, 137.327 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 2.322, 317.273, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 2.411, 137.287 is the 20% darker color. If you saturate the color by 10%, you get 96, 16.813, 136.791, and if you desaturate by 10%, it is 99, 3.026, 324.445.

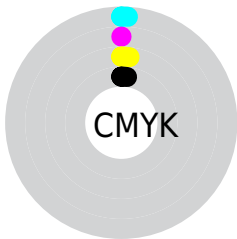
Distribution



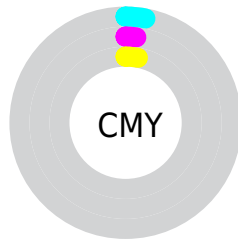
- Red (97%)
- Green (98%)
- Blue (96%)



- Red (96%)
- Yellow (98%)
- Blue (98%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (3%)
- Magenta (2%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 2.296, 137.327 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, 2.296, 137.327 by changing the saturation by 10% instead.

 98, 2.296, 137.327

 98, 2.296, 137.327

 100, 2.296,
137.327

 88, 2.296, 137.327

 78, 2.296, 137.327

 68, 2.296, 137.327

 58, 2.296, 137.327

 48, 2.296, 137.327

 38, 2.296, 137.327

 28, 2.296, 137.327

 18, 2.296, 137.327

 8, 2.296, 137.327

98, 2.296, 137.327

98, 2.296, 137.327

96, 16.813,
136.791

99, 3.026, 324.445

94, 31.394,
136.267

93, 45.887,
135.693

91, 60.075,
135.082

90, 73.658,
134.467

89, 86.226,
133.909

88, 97.239,
133.508

88, 106.061,
133.393

 87, 112.139,
133.683

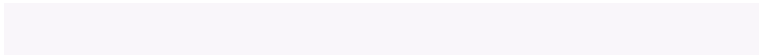
Harmonies

Complementary

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



98, 2.296, 137.327



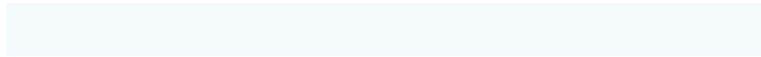
97, 2.322, 317.273

Rectangle

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



98, 2.296, 137.327



98, 2.296, 187.327



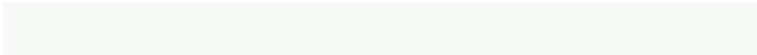
98, 2.296, 317.327



98, 2.296, 7.327

Sweetspot

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



98, 2.299, 137.336

100, 0.012, 296.813



98, 1.555, 96.903



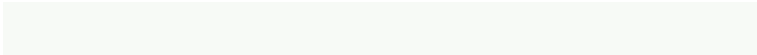
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

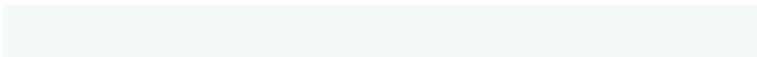
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 2.299, 137.336



100, 2.920, 137.299



98, 2.082, 152.420



52, 1.633, 137.307



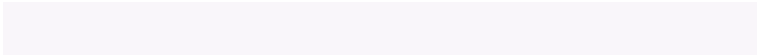
67, 92.995, 134.003



22, 40.455, 133.263

Inverse Universe

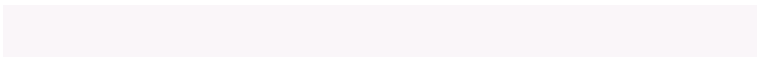
The Inverse Universe completely reimagines the original color for something new.



97, 2.322, 317.273



99, 2.945, 317.310



97, 2.101, 332.262



52, 1.647, 317.301



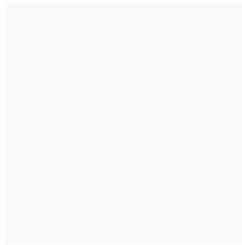
37, 94.653, 318.988



8, 42.609, 320.058

Previews

White Background



This preview shows how the CIELCh color 98, 2.296, 137.327 looks on a white background.

Color Contrast Check

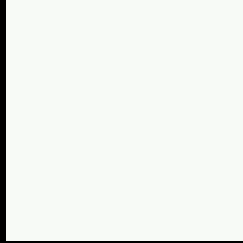
Large Text (above 18pt) WCAG AA × Fail

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, 2.296, 137.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

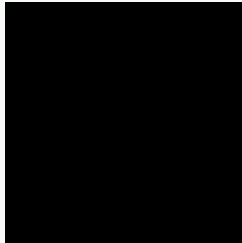
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

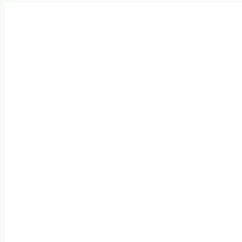
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 2.296, 137.327

Background



This preview shows how black text looks on a background with the CIELCh color 98, 2.296, 137.327.

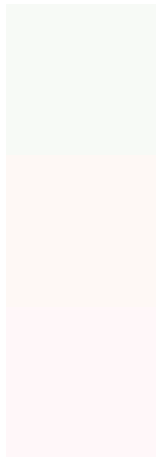


This preview shows how white text looks on a background with the CIELCh color 98, 2.296, 137.327.

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, 2.296, 137.327

Protanopia

98, 2.599, 55.190

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.658, 301.411

Trichromacy



Original Color

98, 2.296, 137.327

Protanomaly

98, 2.277, 82.225

Deuteranomaly

98, 1.409, 19.037

Tritanomaly

98, 1.540, 290.343

Monochromacy



Original Color

98, 2.296, 137.327

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 0.612, 144.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 2.296, 137.327 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(247, 250, 246)` looks like.

```
.text, #text, p{  
    color:rgb(247, 250, 246)  
}
```

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(247, 250, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 250, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 2.296, 137.327 is called "border". The border property can be set on classes, ids or directly on the HTML element.

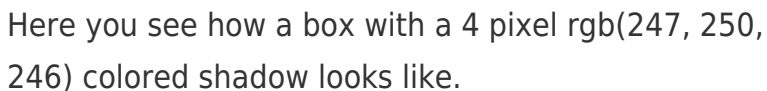
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 250, 246) }
```

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

```
.border{ border-color:rgb(247, 250, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 250, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 250, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 250, 246);  
box-shadow:4px 4px 4px 4px rgb(247, 250,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 2.296, 137.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 250, 246) }
```

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

```
.background{ background-color: rgb(247,  
250, 246) }
```

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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