

Converting Colors

CIELCh(98, 0.632, 323.982)

Have a look what the booklet for
CIELCh(98, 0.632, 323.982) contains.

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Color

CIELCh(98, 0.632, 323.982)

Conversions

Conversions Part 1

Format	Color
Hex	FAF9FA
RGB	250, 249, 250
RGB Percent	98%, 98%, 98%
CMY	0.0199, 0.0238, 0.0199
CMYK	0.00, 0.00, 0.00, 0.02
HSL	300°, 9%, 98%
HSV	300°, 0%, 98%
XYZ	90.4969, 94.9163, 103.9350
YIQ	249.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

Format	Color
R _Y B	250, 249, 250
Decimal	16447994
CIE Lab	98.00, 0.51, -0.37
CIE LCh	98, 0.632, 323.982
Yxy	94.9163, 0.3128, 0.3280
Android (android.graphics.Color)	4294638074 (0xFFFAF9FA)
YUV	249.4130, 0.2894, 0.5148
Hunter-Lab	97.4250, -4.6872, 4.9457

Details

The CIELCh color 98, 0.632, 323.982 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 0.609, 144.918, 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, 0.661, 324.089 is the 20% darker color. If you saturate the color by 10%, you get 92, 16.304, 324.995, and if you desaturate by 10%, it is 100, 3.136, 144.418.

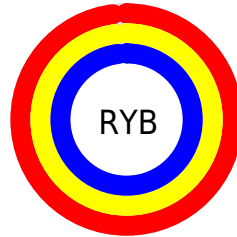
Distribution



Red (98%)

Green (98%)

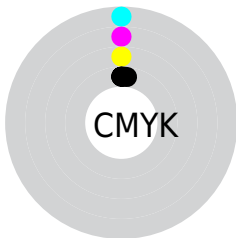
Blue (98%)



Red (98%)

Yellow (98%)

Blue (98%)

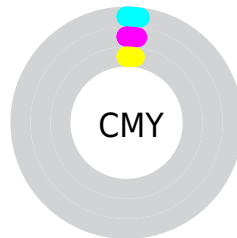


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (2%)

Magenta (2%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 0.632, 323.982 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, 0.632, 323.982 by changing the saturation by 10% instead.

 98, 0.632, 323.982

 98, 0.632, 323.982

100, 0.632,
323.982

 88, 0.632, 323.982

 78, 0.632, 323.982

 68, 0.632, 323.982

 58, 0.632, 323.982

 48, 0.632, 323.982

 38, 0.632, 323.982

 28, 0.632, 323.982

 18, 0.632, 323.982

 8, 0.632, 323.982

98, 0.632, 323.982

98, 0.632, 323.982

92, 16.304,
324.995

100, 3.136,
144.418

86, 32.094,
325.556

100, 3.135,
144.407

80, 47.735,
326.097

100, 3.135,
144.396

75, 62.853,
326.609

100, 3.134,
144.384

71, 76.954,
327.075

100, 3.134,
144.373

67, 89.445,
327.477

100, 3.133,
144.362

63, 99.710,
327.799

100, 3.133,
144.350

61, 107.242,
328.030

100, 3.133,
144.339

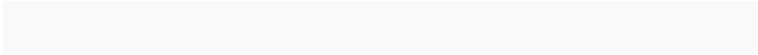
■ 60, 111.819,
328.169

■ 100, 3.132,
144.328

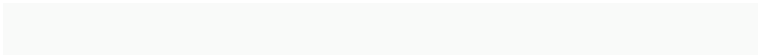
Harmonies

Complementary

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



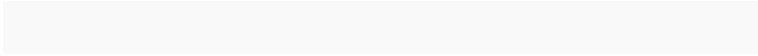
98, 0.632, 323.982



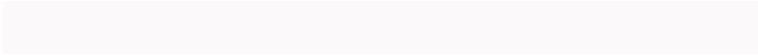
98, 0.609, 144.918

Rectangle

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



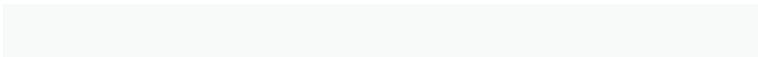
98, 0.632, 323.982



98, 0.632, 13.982



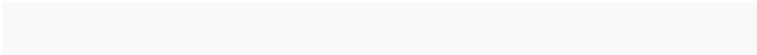
98, 0.632, 143.982



98, 0.632, 193.982

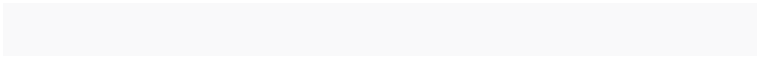
Sweetspot

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



98, 0.629, 323.977

100, 0.012, 296.813



98, 0.510, 289.713



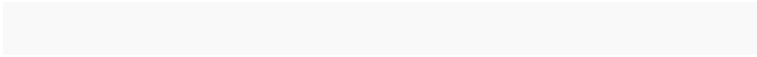
53, 0.007, 296.813



0, 0.000, 0.000

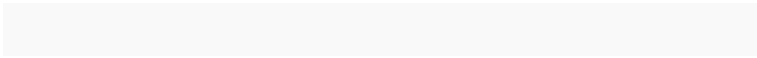
Same Dimension

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



98, 0.629, 323.977

100, 0.012, 296.813



98, 0.447, 341.740



52, 0.007, 296.813



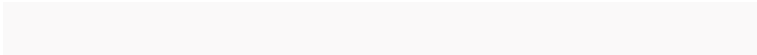
45, 92.157, 328.229



12, 41.696, 328.230

Inverse Universe

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



98, 0.351, 17.566

100, 0.012, 296.813



98, 0.431, 163.829



52, 0.007, 296.813



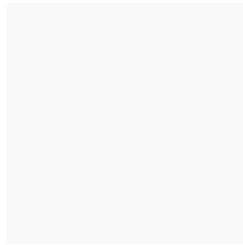
39, 83.387, 39.997



9, 32.195, 26.136

Previews

White Background



This preview shows how the CIE LCh color 98, 0.632, 323.982 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, 0.632, 323.982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

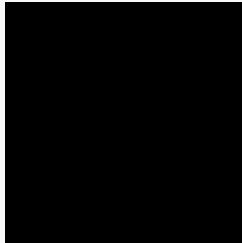
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

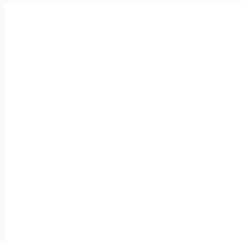
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 0.632, 323.982

Background



This preview shows how black text looks on a background with the CIELCh color 98, 0.632, 323.982.

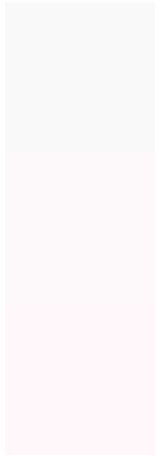


This preview shows how white text looks on a background with the CIELCh color 98, 0.632, 323.982.

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, 0.632, 323.982

Protanopia
98, 1.840, 3.099

Deuteranopia
98, 3.223, 351.093

Tritanopia
98, 3.658, 301.411

Trichromacy



Original Color

98, 0.632, 323.982

Protanomaly

98, 1.506, 359.274

Deuteranomaly

98, 2.047, 349.333

Tritanomaly

98, 2.664, 305.560

Monochromacy



Original Color

98, 0.632, 323.982

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 0.011, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 0.632, 323.982 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(250, 249, 250)` looks like.

```
.text, #text, p{  
    color:rgb(250, 249, 250)  
}
```

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(250, 249, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 249, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 0.632, 323.982 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(250, 249, 250) }
```

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

```
.border{ border-color:rgb(250, 249, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 249, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 249, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 249, 250);  
box-shadow:4px 4px 4px 4px rgb(250, 249,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 0.632, 323.982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 249, 250) }
```

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

```
.background{ background-color: rgb(250,  
249, 250) }
```

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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