

Converting Colors

CIELCh(100, 8.212, 12.628)

Have a look what the booklet for
CIELCh(100, 8.212, 12.628) contains.

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Color

CIELCh(99, 2.044, 349.329)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBFD
RGB	255, 251, 253
RGB Percent	100%, 98%, 99%
CMY	0.0000, 0.0161, 0.0083
CMYK	0.00, 0.02, 0.01, 0.00
HSL	331°, 100%, 99%
HSV	331°, 2%, 100%
XYZ	93.7404, 97.4360, 106.7000
YIQ	252.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 251, 253
Decimal	16776189
CIE Lab	99.00, 2.01, -0.38
CIE LCh	99, 2.044, 349.329
Yxy	97.4360, 0.3147, 0.3271
Android (android.graphics.Color)	4294966269 (0xFFFFFBFD)
YUV	252.4240, 0.2840, 2.2592
Hunter-Lab	98.7097, -3.2280, 5.0074

Details

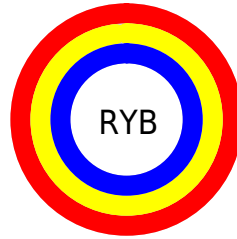
The CIELCh color 99, 2.044, 349.329 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 100, 1.759, 164.557, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 1.235, 353.455 is the 20% darker color. If you saturate the color by 10%, you get 92, 12.948, 345.377, and if you desaturate by 10%, it is 100, 0.012, 296.813.

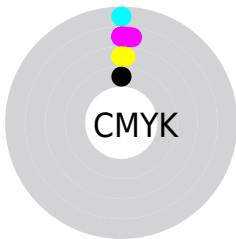
Distribution



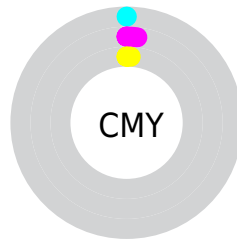
- Red (100%)
- Green (98%)
- Blue (99%)



- Red (100%)
- Yellow (98%)
- Blue (99%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 2.044, 349.329 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 99, 2.044, 349.329 by changing the saturation by 10% instead.

 99, 2.044, 349.329

 99, 2.044, 349.329

100, 2.044,
349.329

 89, 2.044, 349.329

 79, 2.044, 349.329

 69, 2.044, 349.329

 59, 2.044, 349.329

 49, 2.044, 349.329

 39, 2.044, 349.329

 29, 2.044, 349.329

 19, 2.044, 349.329

 9, 2.044, 349.329

99, 2.044, 349.329

99, 2.044, 349.329

92, 12.948,
345.377

100, 0.012,
296.813

86, 24.353,
346.366

80, 35.821,
347.471

74, 47.077,
348.740

69, 57.716,
350.233

64, 67.205,
352.038

60, 74.944,
354.276

57, 80.417,
357.105

 56, 83.434, 0.696

Harmonies

Complementary

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



99, 2.044, 349.329



100, 1.759, 164.557

Rectangle

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



99, 2.044, 349.329



99, 2.044, 39.329



99, 2.044, 169.329



99, 2.044, 219.329

Sweetspot

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



99, 1.779, 344.267

100, 0.012, 296.813



99, 2.230, 309.075



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



99, 1.779, 344.267



99, 2.207, 344.353



99, 1.444, 19.046



53, 1.255, 344.333



41, 68.120, 3.452



10, 31.744, 357.635

Inverse Universe

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



99, 1.779, 344.267



99, 2.207, 344.353



100, 1.427, 199.779



53, 1.255, 344.333



41, 68.120, 3.452



10, 31.744, 357.635

Previews

White Background



This preview shows how the CIE LCh color 99, 2.044, 349.329 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 99, 2.044, 349.329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

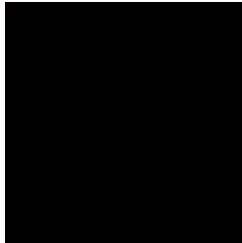
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 2.044, 349.329

Background



This preview shows how black text looks on a background with the CIELCh color 99, 2.044, 349.329.



This preview shows how white text looks on a background with the CIELCh color 99, 2.044, 349.329.

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

99, 1.748, 343.501

Protanopia

99, 1.748, 343.501

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 2.171, 309.072

Trichromacy

Original Color

99, 1.748, 343.501

Protanomaly

99, 1.748, 343.501

Deuteranomaly

99, 1.502, 359.268

Tritanomaly

99, 1.872, 324.343

Monochromacy

Original Color

99, 1.748, 343.501

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 0.352, 17.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 2.044, 349.329 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, 251, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 253)  
}
```

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, 251, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 2.044, 349.329 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, 251, 253) }
```

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

```
.border{ border-color:rgb(255, 251, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 2.044, 349.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 253) }
```

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

```
.background{ background-color: rgb(255,  
251, 253) }
```

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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