

Converting Colors

CIELCh(100, 30.183, 290.662)

Have a look what the booklet for
CIELCh(100, 30.183, 290.662)
contains.

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Color

CIELCh(99, 2.282, 263.251)

Conversions

Conversions Part 1

Format	Color
Hex	F9FCFF
RGB	249, 252, 255
RGB Percent	98%, 99%, 100%
CMY	0.0218, 0.0100, 0.0000
CMYK	0.02, 0.01, 0.00, 0.00
HSL	208°, 100%, 99%
HSV	208°, 2%, 100%
XYZ	92.4598, 97.4360, 109.7707
YIQ	251.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

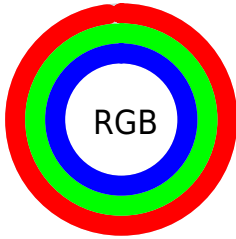
Format	Color
R _Y B	249, 251, 255
Decimal	16383231
CIE Lab	99.00, -0.27, -2.27
CIE LCh	99, 2.282, 263.251
Yxy	97.4360, 0.3085, 0.3251
Android (android.graphics.Color)	4294573311 (0xFF9FCFF)
YUV	251.4450, 1.7526, -2.1443
Hunter-Lab	98.7097, -5.5439, 3.1630

Details

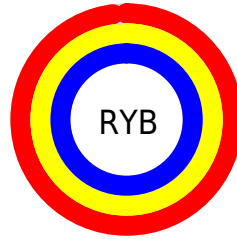
The CIELCh color 99, 2.282, 263.251 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 1.655, 70.270, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 1.757, 265.899 is the 20% darker color. If you saturate the color by 10%, you get 94, 9.172, 252.433, and if you desaturate by 10%, it is 100, 0.012, 296.813.

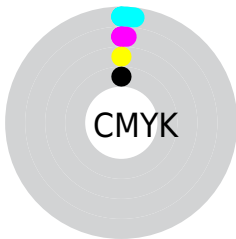
Distribution



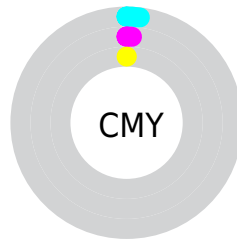
- Red (98%)
- Green (99%)
- Blue (100%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 2.282, 263.251 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, 2.282, 263.251 by changing the saturation by 10% instead.

 99, 2.282, 263.251

 99, 2.282, 263.251

 100, 2.282,
263.251

 89, 2.282, 263.251

 79, 2.282, 263.251

 69, 2.282, 263.251

 59, 2.282, 263.251

 49, 2.282, 263.251

 39, 2.282, 263.251

 29, 2.282, 263.251

 19, 2.282, 263.251

 9, 2.282, 263.251

99, 2.282, 263.251

99, 2.282, 263.251

94, 9.172, 252.433

100, 0.012,
296.813

90, 16.542,
253.984

85, 23.728,
255.868

80, 30.693,
258.142

76, 37.413,
260.872

72, 43.893,
264.120

68, 50.181,
267.917

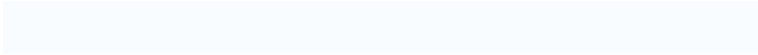
64, 56.377,
272.236

■ 60, 62.623,
276.955

Harmonies

Complementary

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



99, 2.282, 263.251



99, 1.655, 70.270

Rectangle

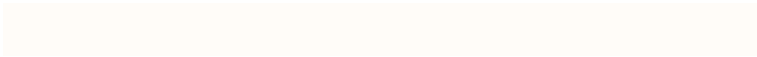
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 2.282, 263.251



99, 2.282, 313.251



99, 2.282, 83.251



99, 2.282, 133.251

Sweetspot

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



99, 1.660, 251.355



100, 0.767, 251.552



100, 2.492, 161.069



53, 0.436, 251.578



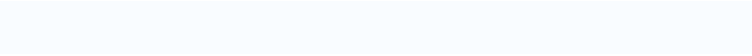
0, 0.000, 0.000



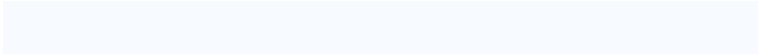
53, 0.007, 296.813

Same Dimension

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



99, 1.660, 251.355



99, 2.281, 251.375



98, 2.701, 288.363



52, 1.727, 251.430



44, 53.613, 279.826



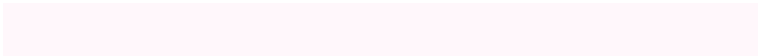
13, 22.031, 272.962

Inverse Universe

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



99, 2.499, 341.473



98, 3.441, 341.590



100, 2.667, 107.849



52, 2.610, 341.683



41, 68.870, 358.230



11, 32.319, 353.283

Previews

White Background



This preview shows how the CIE LCh color 99, 2.282, 263.251 looks on a white background.

Color Contrast Check

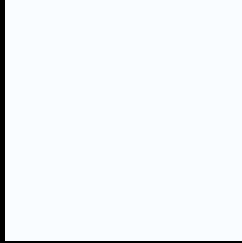
Large Text (above 18pt) WCAG AA × Fail

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, 2.282, 263.251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

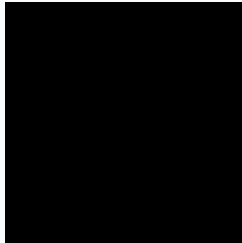
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 2.282, 263.251

Background



This preview shows how black text looks on a background with the CIELCh color 99, 2.282, 263.251.



This preview shows how white text looks on a background with the CIELCh color 99, 2.282, 263.251.

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, 1.843, 255.948

Protanopia

99, 2.091, 332.256

Deuteranopia

99, 1.748, 343.501

Tritanopia
99, 1.537, 290.342

Trichromacy

Original Color

99, 1.843, 255.948

Protanomaly

99, 1.091, 308.973

Deuteranomaly

99, 1.091, 308.973

Tritanomaly

99, 1.571, 277.558

Monochromacy

Original Color

99, 1.843, 255.948

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 0.621, 256.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 2.282, 263.251 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(249, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 252, 255)  
}
```

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(249, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 252, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 2.282, 263.251 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(249, 252, 255) }
```

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

```
.border{ border-color:rgb(249, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 252,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 2.282, 263.251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 252, 255) }
```

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

```
.background{ background-color: rgb(249,  
252, 255) }
```

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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