

Converting Colors

CIE LCh(99, 2.380, 144.489)

Have a look what the booklet for
CIELCh(99, 2.380, 144.489) contains.

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Color

CIELCh(99, 2.475, 144.478)

Conversions

Conversions Part 1

Format	Color
Hex	F9FDF9
RGB	249, 253, 249
RGB Percent	98%, 99%, 98%
CMY	0.0226, 0.0069, 0.0226
CMYK	0.02, 0.00, 0.02, 0.01
HSL	120°, 53%, 99%
HSV	120°, 2%, 99%
XYZ	91.4856, 97.4360, 103.7997
YIQ	251.3480, -1.1000, -2.0920

Conversions

Conversions Part 2

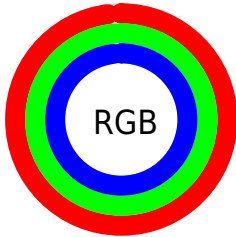
Format	Color
R _Y B	249, 253, 253
Decimal	16383481
CIE Lab	99.00, -2.01, 1.44
CIE LCh	99, 2.475, 144.478
Yxy	97.4360, 0.3125, 0.3329
Android (android.graphics.Color)	4294573561 (0xFFFF9FDF9)
YUV	251.3480, -1.1576, -2.0592
Hunter-Lab	98.7097, -7.3056, 6.7495

Details

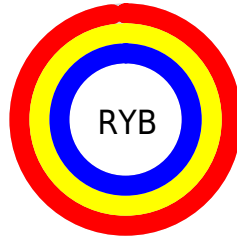
The CIELCh color 99, 2.475, 144.478 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 2.498, 324.407, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 1.947, 144.488 is the 20% darker color. If you saturate the color by 10%, you get 97, 18.343, 143.758, and if you desaturate by 10%, it is 100, 1.101, 324.199.

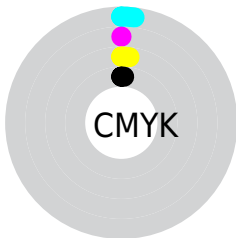
Distribution



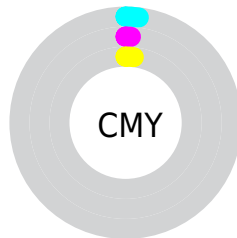
- Red (98%)
- Green (99%)
- Blue (98%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 2.475, 144.478 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, 2.475, 144.478 by changing the saturation by 10% instead.

 99, 2.475, 144.478

 99, 2.475, 144.478

 100, 2.475,
144.478

 89, 2.475, 144.478

 79, 2.475, 144.478

 69, 2.475, 144.478

 59, 2.475, 144.478

 49, 2.475, 144.478

 39, 2.475, 144.478

 29, 2.475, 144.478

 19, 2.475, 144.478

 9, 2.475, 144.478

99, 2.475, 144.478

99, 2.475, 144.478

97, 18.343,
143.758

100, 1.101,
324.199

95, 34.303,
143.026

93, 50.112,
142.177

91, 65.442,
141.203

90, 79.869,
140.119

89, 92.868,
138.972

88, 103.823,
137.854

88, 112.077,
136.907

■ 87, 117.136,
136.278

Harmonies

Complementary

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



99, 2.475, 144.478



98, 2.498, 324.407

Rectangle

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



99, 2.475, 144.478



99, 2.475, 194.478



99, 2.475, 324.478



99, 2.475, 14.478

Sweetspot

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



99, 2.478, 144.479

100, 0.012, 296.813



99, 2.023, 109.988



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, 2.478, 144.479



100, 3.155, 144.429



99, 1.734, 163.801



53, 1.793, 144.440



68, 96.474, 136.016



22, 43.825, 136.777

Inverse Universe

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



98, 2.498, 324.407



99, 3.176, 324.456



98, 1.753, 343.504



53, 1.806, 324.445



45, 93.080, 328.234



12, 42.822, 328.234

Previews

White Background



This preview shows how the CIElCh color 99, 2.475, 144.478 looks on a white background.

Color Contrast Check

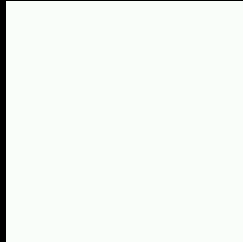
Large Text (above 18pt) WCAG AA × Fail

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 99, 2.475, 144.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

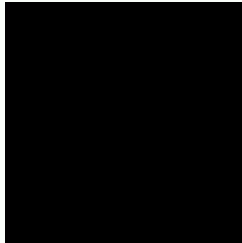
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 2.475, 144.478

Background



This preview shows how black text looks on a background with the CIELCh color 99, 2.475, 144.478.



This preview shows how white text looks on a background with the CIELCh color 99, 2.475, 144.478.

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, 2.475, 144.478

Protanopia

99, 1.487, 38.999

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 2.475, 144.478

Protanomaly

99, 1.061, 90.708

Deuteranomaly

99, 0.605, 74.599

Tritanomaly

99, 0.621, 256.220

Monochromacy



Original Color

99, 2.475, 144.478

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 0.611, 144.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 2.475, 144.478 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, 253, 249)` looks like.

```
.text, #text, p{  
    color:rgb(249, 253, 249)  
}
```

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, 253, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 253, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 2.475, 144.478 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, 253, 249) }
```

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

```
.border{ border-color:rgb(249, 253, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 253, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 253, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 253, 249);  
box-shadow:4px 4px 4px 4px rgb(249, 253,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 2.475, 144.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 253, 249) }
```

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

```
.background{ background-color: rgb(249,  
253, 249) }
```

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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