

Converting Colors

CIELCh(100, 4.756, 142.509)

Have a look what the booklet for
CIELCh(100, 4.756, 142.509)
contains.

CIELCh(99, 3.524, 139.765)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(99, 3.524, 139.765)

Conversions

Conversions Part 1

Format	Color
Hex	F9FEF8
RGB	249, 254, 248
RGB Percent	98%, 100%, 97%
CMY	0.0251, 0.0055, 0.0290
CMYK	0.02, 0.00, 0.02, 0.01
HSL	110°, 68%, 98%
HSV	110°, 2%, 99%
XYZ	91.1103, 97.4360, 102.4792
YIQ	251.8210, -1.0540, -2.9260

Conversions

Conversions Part 2

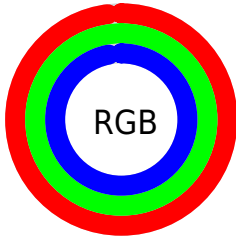
Format	Color
R _Y B	248, 254, 253
Decimal	16383736
CIE Lab	99.00, -2.69, 2.28
CIE LCh	99, 3.524, 139.765
Yxy	97.4360, 0.3131, 0.3348
Android (android.graphics.Color)	4294573816 (0xFF9FEF8)
YUV	251.8210, -1.8838, -2.4740
Hunter-Lab	98.7097, -7.9841, 7.5426

Details

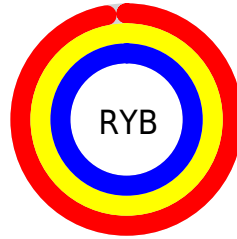
The CIELCh color 99, 3.524, 139.765 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 3.551, 319.839, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 3.053, 138.768 is the 20% darker color. If you saturate the color by 10%, you get 97, 18.593, 139.207, and if you desaturate by 10%, it is 100, 0.884, 324.123.

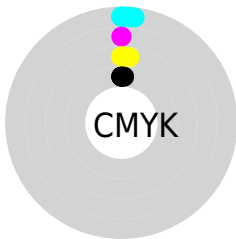
Distribution



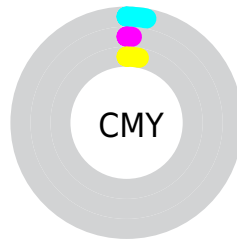
- Red (98%)
- Green (100%)
- Blue (97%)



- Red (97%)
- Yellow (100%)
- Blue (99%)



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



- Cyan (3%)
- Magenta (1%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 3.524, 139.765 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, 3.524, 139.765 by changing the saturation by 10% instead.

 99, 3.524, 139.765

 99, 3.524, 139.765

 100, 3.524,
139.765

 89, 3.524, 139.765

 79, 3.524, 139.765

 69, 3.524, 139.765

 59, 3.524, 139.765

 49, 3.524, 139.765

 39, 3.524, 139.765

 29, 3.524, 139.765

 19, 3.524, 139.765

 9, 3.524, 139.765

99, 3.524, 139.765

99, 3.524, 139.765

97, 18.593,
139.207

100, 0.884,
324.123

95, 33.731,
138.625

93, 48.757,
137.972

92, 63.415,
137.259

91, 77.363,
136.514

90, 90.144,
135.798

89, 101.174,
135.210

88, 109.790,
134.882

■ 88, 115.452,
134.931

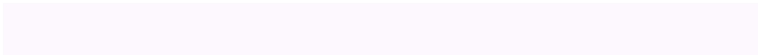
Harmonies

Complementary

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



99, 3.524, 139.765



98, 3.551, 319.839

Rectangle

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



99, 3.524, 139.765



99, 3.524, 189.765



99, 3.524, 319.765



99, 3.524, 9.765

Sweetspot

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



99, 3.527, 139.769



100, 1.490, 139.934



99, 2.548, 102.009



53, 0.847, 139.945



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, 3.527, 139.769



99, 4.498, 139.724



99, 2.932, 155.642



53, 3.414, 139.673



68, 95.201, 135.037



23, 42.517, 134.475

Inverse Universe

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



98, 3.551, 319.839



98, 4.524, 319.883



98, 2.954, 335.690



52, 3.431, 319.932



40, 94.423, 321.883



10, 43.330, 322.613

Previews

White Background



This preview shows how the CIE LCh color 99, 3.524, 139.765 looks on a white background.

Color Contrast Check

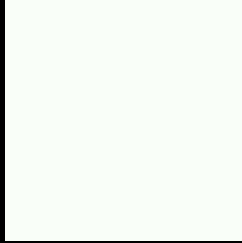
Large Text (above 18pt) WCAG AA × Fail

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, 3.524, 139.765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

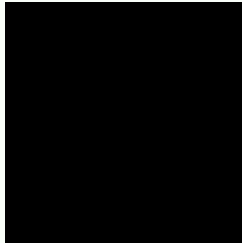
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 3.524, 139.765

Background



This preview shows how black text looks on a background with the CIELCh color 99, 3.524, 139.765.



This preview shows how white text looks on a background with the CIELCh color 99, 3.524, 139.765.

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, 3.527, 139.764

Protanopia

99, 1.723, 55.170

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 3.527, 139.764

Protanomaly

99, 2.048, 100.089

Deuteranomaly

99, 1.061, 90.708

Tritanomaly

99, 0.862, 164.148

Monochromacy



Original Color

99, 3.527, 139.764

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.233, 144.647

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 3.524, 139.765 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, 254, 248)` looks like.

```
.text, #text, p{  
    color:rgb(249, 254, 248)  
}
```

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, 254, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 254, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 3.524, 139.765 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, 254, 248) }
```

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

```
.border{ border-color:rgb(249, 254, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 254, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 254, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 254, 248);  
box-shadow:4px 4px 4px 4px rgb(249, 254,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 3.524, 139.765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 254, 248) }
```

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

```
.background{ background-color: rgb(249,  
254, 248) }
```

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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