

Converting Colors

CIELCh(99, 7.916, 99.199)

Have a look what the booklet for
CIELCh(99, 7.916, 99.199) contains.

CIELCh(99, 7.674, 101.531)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(99, 7.674, 101.531)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDED
RGB	255, 253, 237
RGB Percent	100%, 99%, 93%
CMY	0.0000, 0.0098, 0.0686
CMYK	0.00, 0.01, 0.07, 0.00
HSL	51°, 100%, 97%
HSV	51°, 7%, 100%
XYZ	91.7529, 97.4360, 94.4735
YIQ	251.7740, 6.3280, -4.5520

Conversions

Conversions Part 2

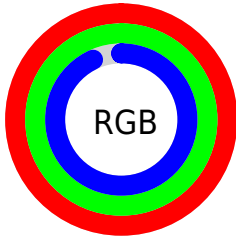
Format	Color
R _Y B	239, 255, 237
Decimal	16776685
CIE Lab	99.00, -1.53, 7.52
CIE LCh	99, 7.674, 101.531
Yxy	97.4360, 0.3235, 0.3435
Android (android.graphics.Color)	4294966765 (0xFFFFFDED)
YUV	251.7740, -7.2836, 2.8292
Hunter-Lab	98.7097, -6.8222, 12.3513

Details

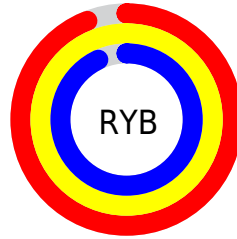
The CIELCh color 99, 7.674, 101.531 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95, 7.750, 284.453, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 8.006, 104.019 is the 20% darker color. If you saturate the color by 10%, you get 98, 18.854, 101.793, and if you desaturate by 10%, it is 100, 0.012, 296.813.

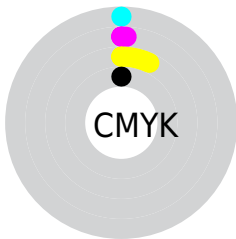
Distribution



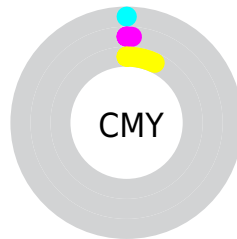
- Red (100%)
- Green (99%)
- Blue (93%)



- Red (94%)
- Yellow (100%)
- Blue (93%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 7.674, 101.531 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, 7.674, 101.531 by changing the saturation by 10% instead.

 99, 7.674, 101.531

 99, 7.674, 101.531

 100, 7.674,
101.531

 89, 7.674, 101.531

 79, 7.674, 101.531

 69, 7.674, 101.531

 59, 7.674, 101.531

 49, 7.674, 101.531

 39, 7.674, 101.531

 29, 7.674, 101.531

 19, 7.674, 101.531

 9, 7.674, 101.531

99, 7.674, 101.531

99, 7.674, 101.531

98, 18.854,
101.793

100, 0.012,
296.813

96, 30.040,
100.660

95, 41.122, 99.511

94, 51.944, 98.358

92, 62.245, 97.214

91, 71.605, 96.091

90, 79.401, 94.994

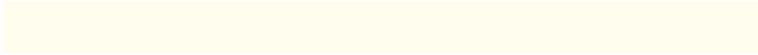
89, 84.871, 93.915

88, 87.447, 92.820

Harmonies

Complementary

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



99, 7.674, 101.531



95, 7.750, 284.453

Rectangle

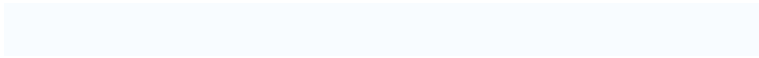
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 7.674, 101.531



99, 7.674, 151.531



99, 7.674, 281.531



99, 7.674, 331.531

Sweetspot

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



99, 7.654, 102.893



100, 2.220, 103.374



95, 6.403, 7.650



53, 1.262, 103.381



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, 7.654, 102.893



99, 8.926, 102.771



99, 9.154, 123.313



53, 6.347, 102.608



68, 70.878, 92.672



23, 31.794, 94.180

Inverse Universe

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



95, 7.750, 284.453



94, 9.049, 284.587



95, 9.282, 304.031



49, 6.445, 284.770



25, 99.777, 304.118



5, 39.597, 299.061

Previews

White Background



This preview shows how the CIE LCh color 99, 7.674, 101.531 looks on a white background.

Color Contrast Check

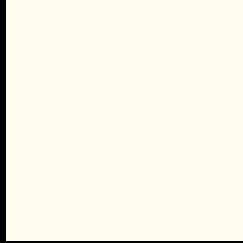
Large Text (above 18pt) WCAG AA × Fail

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, 7.674, 101.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

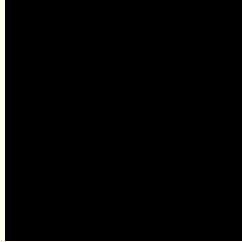
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 7.674, 101.531

Background



This preview shows how black text looks on a background with the CIELCh color 99, 7.674, 101.531.



This preview shows how white text looks on a background with the CIELCh color 99, 7.674, 101.531.

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, 8.135, 104.498



Protanopia
99, 2.732, 87.135

Deuteranopia
99, 1.406, 19.030

Tritanopia
99, 2.171, 309.072

Trichromacy



Original Color

99, 8.135, 104.498

Protanomaly

99, 4.181, 95.099

Deuteranomaly

99, 3.207, 90.598

Tritanomaly

99, 1.662, 84.963

Monochromacy



Original Color

99, 8.135, 104.498



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 2.551, 102.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 7.674, 101.531 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, 253, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 237)  
}
```

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, 253, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 7.674, 101.531 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, 253, 237) }
```

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

```
.border{ border-color:rgb(255, 253, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 7.674, 101.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 237) }
```

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

```
.background{ background-color: rgb(255,  
253, 237) }
```

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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