

Converting Colors

CIELCh(100, 10.436, 70.257)

Have a look what the booklet for
CIELCh(100, 10.436, 70.257)
contains.

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Color

CIELCh(99, 8.177, 101.981)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDED
RGB	255, 253, 237
RGB Percent	100%, 99%, 93%
CMY	0.0000, 0.0095, 0.0723
CMYK	0.00, 0.01, 0.07, 0.00
HSL	52°, 100%, 96%
HSV	52°, 7%, 100%
XYZ	91.6619, 97.4360, 93.7624
YIQ	251.7740, 6.3280, -4.5520

Conversions

Conversions Part 2

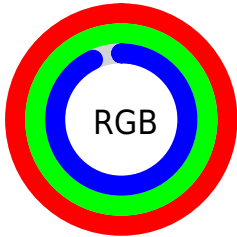
Format	Color
R _Y B	239, 255, 237
Decimal	16776685
CIE Lab	99.00, -1.70, 8.00
CIE LCh	99, 8.177, 101.981
Yxy	97.4360, 0.3241, 0.3445
Android (android.graphics.Color)	4294966765 (0xFFFFFDED)
YUV	251.7740, -7.2836, 2.8292
Hunter-Lab	98.7097, -6.9868, 12.7783

Details

The CIELCh color 99, 8.177, 101.981 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95, 8.265, 285.056, 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, 19.477, 102.338, and if you desaturate by 10%, it is 100, 0.012, 296.813.

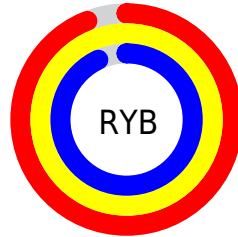
Distribution



Red (100%)

Green (99%)

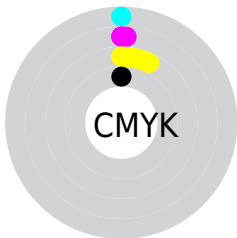
Blue (93%)



Red (94%)

Yellow (100%)

Blue (93%)

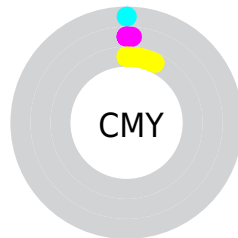


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (1%)

Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 8.177, 101.981 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, 8.177, 101.981 by changing the saturation by 10% instead.

 99, 8.177, 101.981

 99, 8.177, 101.981

 100, 8.177,
101.981

 89, 8.177, 101.981

 79, 8.177, 101.981

 69, 8.177, 101.981

 59, 8.177, 101.981

 49, 8.177, 101.981

 39, 8.177, 101.981

 29, 8.177, 101.981

 19, 8.177, 101.981

 9, 8.177, 101.981

99, 8.177, 101.981

99, 8.177, 101.981

98, 19.477,
102.338

100, 0.012,
296.813

96, 30.770,
101.217

95, 41.942,
100.082

94, 52.828, 98.948

93, 63.159, 97.828

92, 72.502, 96.736

91, 80.230, 95.680

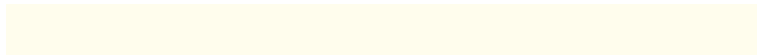
90, 85.588, 94.658

89, 88.059, 93.640

Harmonies

Complementary

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



99, 8.177, 101.981



95, 8.265, 285.056

Rectangle

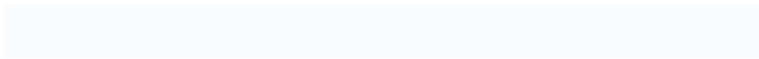
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 8.177, 101.981



99, 8.177, 151.981



99, 8.177, 281.981



99, 8.177, 331.981

Sweetspot

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



99, 8.156, 103.430



100, 2.246, 103.947



95, 6.723, 9.000



53, 1.276, 103.954



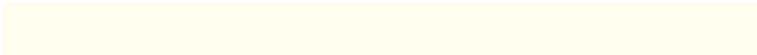
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



99, 8.156, 103.430



99, 10.160, 103.240



99, 9.671, 123.918



53, 6.419, 103.186



68, 71.328, 93.539



23, 32.058, 94.937

Inverse Universe

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



95, 8.265, 285.056



93, 10.317, 285.266



95, 9.809, 304.656



49, 6.523, 285.327



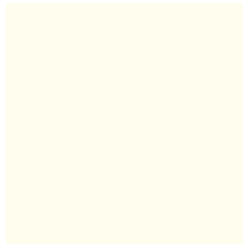
25, 100.640, 304.367



5, 39.942, 299.299

Previews

White Background



This preview shows how the CIE LCh color 99, 8.177, 101.981 looks on a white background.

Color Contrast Check

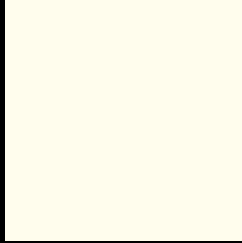
Large Text (above 18pt) WCAG AA × Fail

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, 8.177, 101.981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

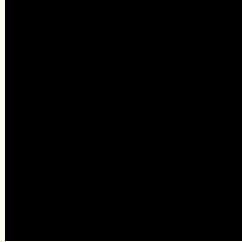
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 8.177, 101.981

Background



This preview shows how black text looks on a background with the CIELCh color 99, 8.177, 101.981.



This preview shows how white text looks on a background with the CIELCh color 99, 8.177, 101.981.

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

A vertical bar on the left side of the page is divided into three colored sections: a yellow top section, a light orange middle section, and a light pink bottom section. These sections correspond to the 'Original Color', 'Protanopia', and 'Deuteranopia' labels respectively.

Original Color

99, 8.135, 104.498

Protanopia

99, 3.207, 90.598

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 2.171, 309.072

Trichromacy



Original Color

99, 8.135, 104.498

Protanomaly

99, 4.674, 96.630

Deuteranomaly

99, 3.207, 90.598

Tritanomaly

99, 2.134, 90.698

Monochromacy



Original Color

99, 8.135, 104.498



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 3.039, 109.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 8.177, 101.981 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, 8.177, 101.981 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, 8.177, 101.981 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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