

Converting Colors

CIELCh(100, 12.095, 70.623)

Have a look what the booklet for
CIELCh(100, 12.095, 70.623)
contains.

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Color

CIELCh(99, 9.689, 103.024)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDEA
RGB	255, 253, 234
RGB Percent	100%, 99%, 92%
CMY	0.0000, 0.0087, 0.0833
CMYK	0.00, 0.01, 0.08, 0.00
HSL	54°, 100%, 96%
HSV	54°, 8%, 100%
XYZ	91.3916, 97.4360, 91.6485
YIQ	251.4320, 7.2910, -5.4850

Conversions

Conversions Part 2

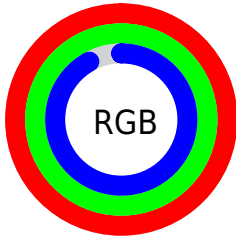
Format	Color
R_{YB}	236, 255, 234
Decimal	16776682
CIE Lab	99.00, -2.18, 9.44
CIE LCh	99, 9.689, 103.024
Yxy	97.4360, 0.3258, 0.3474
Android (android.graphics.Color)	4294966762 (0xFFFFFDEA)
YUV	251.4320, -8.5940, 3.1291
Hunter-Lab	98.7097, -7.4756, 14.0481

Details

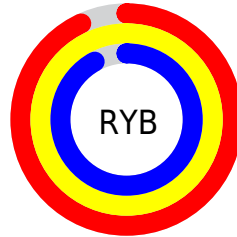
The CIELCh color **99, 9.689, 103.024** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94, 9.820, 286.508**, and the grayscale version is **99, 0.012, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 9.596, 104.748** is the 20% darker color. If you saturate the color by 10%, you get **98, 21.286, 103.608**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

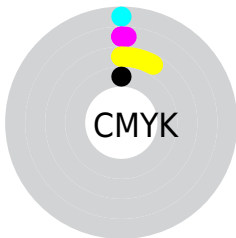
Distribution



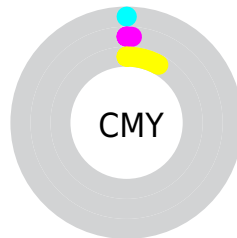
- Red (100%)
- Green (99%)
- Blue (92%)



- Red (93%)
- Yellow (100%)
- Blue (92%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 9.689, 103.024 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, 9.689, 103.024 by changing the saturation by 10% instead.

 99, 9.689, 103.024

 99, 9.689, 103.024

 100, 9.689,
103.024

 89, 9.689, 103.024

 79, 9.689, 103.024

 69, 9.689, 103.024

 59, 9.689, 103.024

 49, 9.689, 103.024

 39, 9.689, 103.024

 29, 9.689, 103.024

 19, 9.689, 103.024

 9, 9.689, 103.024

99, 9.689, 103.024

99, 9.689, 103.024

98, 21.286,
103.608

100, 0.012,
296.813

97, 32.843,
102.515

96, 44.230,
101.418

95, 55.263,
100.331

94, 65.647, 99.272

93, 74.920, 98.260

92, 82.436, 97.313

91, 87.477, 96.434

90, 89.690, 95.607

Harmonies

Complementary

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



99, 9.689, 103.024



94, 9.820, 286.508

Rectangle

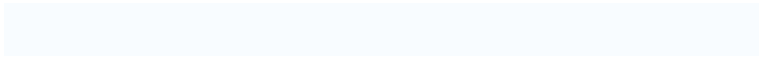
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 9.689, 103.024



99, 9.689, 153.024



99, 9.689, 283.024



99, 9.689, 333.024

Sweetspot

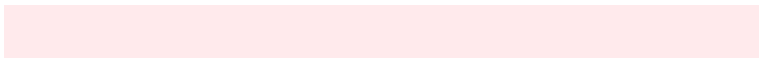
The Sweet Spot groups the original color and five complimentary colors.



99, 9.666, 104.678



100, 2.310, 105.304



94, 7.744, 10.435



53, 1.313, 105.311



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, 9.666, 104.678



99, 11.608, 104.502



99, 11.181, 124.481



53, 6.599, 104.554



70, 72.511, 95.610



24, 32.725, 96.739

Inverse Universe

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



94, 9.820, 286.508



92, 11.822, 286.707



94, 11.353, 305.318



49, 6.716, 286.648



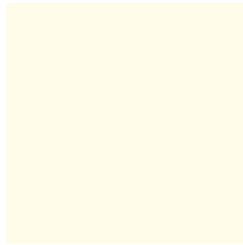
25, 102.564, 304.907



5, 40.793, 299.859

Previews

White Background



This preview shows how the CIE LCh color 99, 9.689, 103.024 looks on a white background.

Color Contrast Check

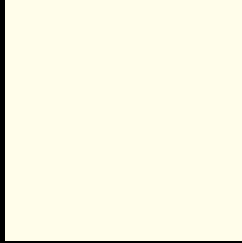
Large Text (above 18pt) WCAG AA × Fail

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, 9.689, 103.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

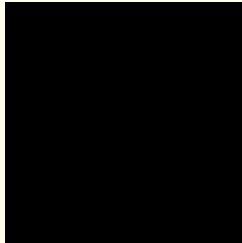
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 9.689, 103.024

Background



This preview shows how black text looks on a background with the CIELCh color 99, 9.689, 103.024.

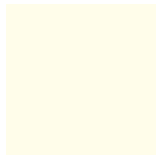


This preview shows how white text looks on a background with the CIELCh color 99, 9.689, 103.024.

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, 9.652, 105.161



Protanopia

99, 3.207, 90.598

Deuteranopia

99, 1.487, 38.999

Tritanopia

99, 2.311, 317.261

Trichromacy



Original Color

99, 9.652, 105.161

Protanomaly

99, 5.171, 97.859

Deuteranomaly

99, 4.181, 95.099

Tritanomaly

99, 2.619, 94.320

Monochromacy



Original Color

99, 9.652, 105.161



Achromatopsia

99, 0.012, 296.813



Achromatomaly

99, 3.547, 109.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 9.689, 103.024 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 9.689, 103.024 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, 234) }
```

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

```
.border{ border-color:rgb(255, 253, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 9.689, 103.024 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, 234) }
```

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

```
.background{ background-color: rgb(255,  
253, 234) }
```

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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