

Converting Colors

CIE LCh(99, 7.556, 102.159)

Have a look what the booklet for
CIELCh(99, 7.556, 102.159) contains.

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Color

CIELCh(99, 7.630, 104.208)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDEE
RGB	255, 253, 238
RGB Percent	100%, 99%, 93%
CMY	0.0011, 0.0089, 0.0678
CMYK	0.00, 0.01, 0.07, 0.00
HSL	53°, 97%, 97%
HSV	53°, 7%, 100%
XYZ	91.5643, 97.4360, 94.6556
YIQ	251.8880, 6.0070, -4.2410

Conversions

Conversions Part 2

Format	Color
R _Y B	240, 255, 238
Decimal	16776686
CIE Lab	99.00, -1.87, 7.40
CIE LCh	99, 7.630, 104.208
Yxy	97.4360, 0.3228, 0.3435
Android (android.graphics.Color)	4294966766 (0xFFFFFDEE)
YUV	251.8880, -6.8468, 2.7292
Hunter-Lab	98.7097, -7.1631, 12.2419

Details

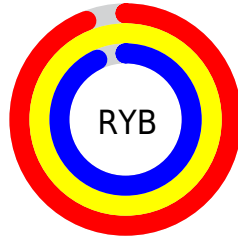
The CIELCh color 99, 7.630, 104.208 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95, 7.733, 285.705, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 7.477, 103.693 is the 20% darker color. If you saturate the color by 10%, you get 98, 19.101, 103.147, and if you desaturate by 10%, it is 100, 0.097, 206.232.

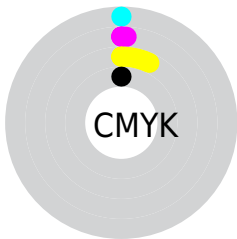
Distribution



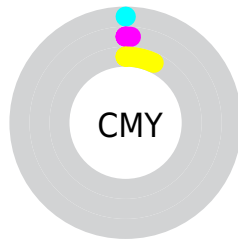
- Red (100%)
- Green (99%)
- Blue (93%)



- 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, 7.630, 104.208 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, 7.630, 104.208 by changing the saturation by 10% instead.

 99, 7.630, 104.208

 99, 7.630, 104.208

 100, 7.630,
104.208

 89, 7.630, 104.208

 79, 7.630, 104.208

 69, 7.630, 104.208

 59, 7.630, 104.208

 49, 7.630, 104.208

 39, 7.630, 104.208

 29, 7.630, 104.208

 19, 7.630, 104.208

 9, 7.630, 104.208

99, 7.630, 104.208

99, 7.630, 104.208

98, 19.101,
103.147

100, 0.097,
206.232

96, 30.535,
102.043

95, 41.835,
100.928

94, 52.839, 99.817

93, 63.278, 98.726

92, 72.726, 97.671

91, 80.566, 96.666

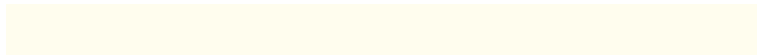
90, 86.061, 95.714

90, 88.680, 94.796

Harmonies

Complementary

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



99, 7.630, 104.208



95, 7.733, 285.705

Rectangle

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



99, 7.630, 104.208



99, 7.630, 154.208



99, 7.630, 284.208



99, 7.630, 334.208

Sweetspot

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



99, 7.632, 104.222



100, 2.280, 104.678



95, 6.189, 8.941



53, 1.296, 104.685



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, 7.632, 104.222



99, 9.163, 104.083



99, 8.917, 123.948



53, 6.514, 103.923



69, 71.944, 94.651



23, 32.410, 95.906

Inverse Universe

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



95, 7.733, 285.705



94, 9.299, 285.859



95, 9.037, 304.625



49, 6.625, 286.038



25, 101.700, 304.666



5, 40.395, 299.601

Previews

White Background



This preview shows how the CIE LCh color 99, 7.630, 104.208 looks on a white background.

Color Contrast Check

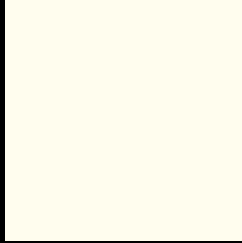
Large Text (above 18pt) WCAG AA × Fail

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, 7.630, 104.208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

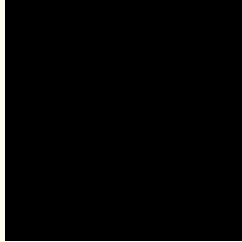
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 7.630, 104.208

Background



This preview shows how black text looks on a background with the CIELCh color 99, 7.630, 104.208.



This preview shows how white text looks on a background with the CIELCh color 99, 7.630, 104.208.

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 rectangular area divided into three colored sections: a yellow top section, a light orange middle section, and a light pink bottom section. Each section contains text describing a color vision condition and its associated L and M cone photoreceptor counts.

Original Color

99, 7.630, 104.208

Protanopia

99, 2.732, 87.135

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 2.171, 309.072

Trichromacy



Original Color

99, 7.630, 104.208

Protanomaly

99, 4.181, 95.099

Deuteranomaly

99, 3.207, 90.598

Tritanomaly

99, 1.662, 84.963

Monochromacy



Original Color

99, 7.630, 104.208



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, 7.630, 104.208 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 7.630, 104.208 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, 238) }
```

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

```
.border{ border-color:rgb(255, 253, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 7.630, 104.208 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, 238) }
```

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

```
.background{ background-color: rgb(255,  
253, 238) }
```

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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