

Converting Colors

CIELCh(99, 20.807, 111.397)

Have a look what the booklet for
CIELCh(99, 20.807, 111.397)
contains.

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Color

CIElCh(99, 20.739, 110.654)

Conversions

Conversions Part 1

Format	Color
Hex	FDFFD6
RGB	253, 255, 214
RGB Percent	99%, 100%, 84%
CMY	0.0070, 0.0000, 0.1600
CMYK	0.01, 0.00, 0.16, 0.00
HSL	63°, 100%, 92%
HSV	63°, 16%, 100%
XYZ	88.5702, 97.4360, 77.8899
YIQ	249.7280, 11.9690, -13.1750

Conversions

Conversions Part 2

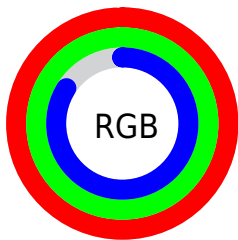
Format	Color
R _Y B	214, 255, 216
Decimal	16646102
CIE Lab	99.00, -7.32, 19.41
CIE LCh	99, 20.739, 110.654
Yxy	97.4360, 0.3356, 0.3692
Android (android.graphics.Color)	4294836182 (0xFFFDFFD6)
YUV	249.7280, -17.6139, 2.8695
Hunter-Lab	98.7097, -12.5776, 22.3122

Details

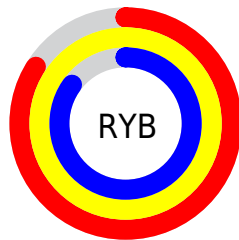
The CIELCh color **99, 20.739, 110.654** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 21.412, 293.540**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 20.666, 110.458** is the 20% darker color. If you saturate the color by 10%, you get **98, 33.379, 109.550**, and if you desaturate by 10%, it is **100, 7.751, 111.365**.

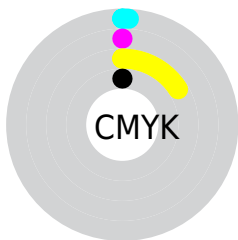
Distribution



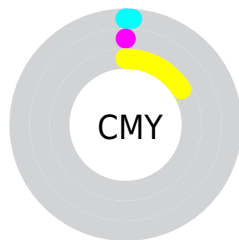
- Red (99%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (85%)



- Cyan (1%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 99, 20.739, 110.654 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, 20.739, 110.654 by changing the saturation by 10% instead.


 99, 20.739,
110.654

 99, 20.739,
110.654

 100, 20.739,
110.654


 89, 20.739,
110.654

 79, 20.739,
110.654

 69, 20.739,
110.654

 59, 20.739,
110.654

 49, 20.739,
110.654

 39, 20.739,
110.654

 29, 20.739,

110.654

■ 19, 20.739,
110.654

■ 9, 20.739, 110.654

■ 99, 20.739,
110.654

■ 99, 20.739,
110.654

■ 98, 33.379,
109.550

■ 100, 7.751,
111.365

■ 98, 45.854,
108.654

100, 0.012,
296.813

■ 97, 57.866,
107.799

■ 97, 69.114,
107.018

■ 97, 79.156,
106.355

■ 97, 87.409,
105.864

■ 96, 93.259,
105.595

■ 96, 96.362,
105.580

■ 96, 97.066,
105.623

Harmonies

Complementary

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



99, 20.739, 110.654



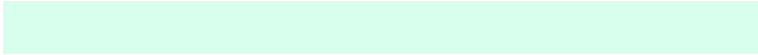
87, 21.412, 293.540

Rectangle

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



99, 20.739, 110.654



99, 20.739, 160.654



99, 20.739, 290.654



99, 20.739, 340.654

Sweetspot

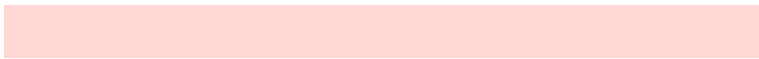
The Sweet Spot groups the original color and five complimentary colors.



99, 20.635, 110.461



100, 6.459, 111.454



89, 14.691, 23.164



53, 4.407, 111.392



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

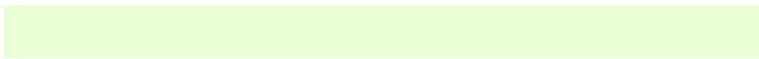
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 20.635, 110.461



99, 24.478, 110.187



98, 22.213, 129.516



53, 7.344, 111.051



74, 78.177, 105.576



26, 35.546, 105.430

Inverse Universe

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



87, 21.412, 293.540



85, 25.584, 293.895



89, 22.671, 310.940



49, 7.510, 292.830



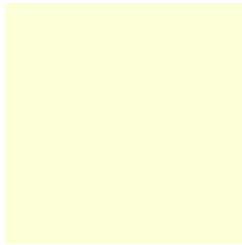
23, 107.561, 306.411



3, 44.234, 302.645

Previews

White Background



This preview shows how the CIE LCh color 99, 20.739, 110.654 looks on a white background.

Color Contrast Check

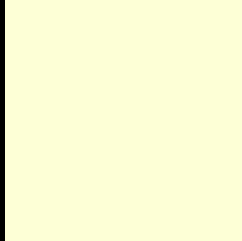
Large Text (above 18pt) WCAG AA × Fail

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, 20.739, 110.654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

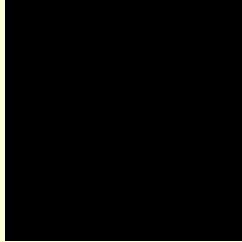
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 20.739, 110.654

Background



This preview shows how black text looks on a background with the CIELCh color 99, 20.739, 110.654.

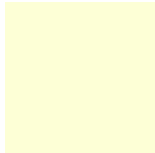


This preview shows how white text looks on a background with the CIELCh color 99, 20.739, 110.654.

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, 20.739, 110.654

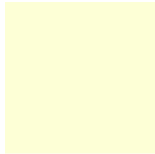


Protanopia
99, 4.181, 95.099

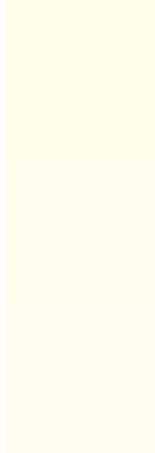
Deuteranopia
99, 1.723, 55.170

Tritanopia
99, 2.311, 317.261

Trichromacy



Original Color
99, 20.739, 110.654

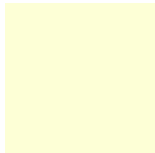


Protanomaly
99, 10.141, 107.368

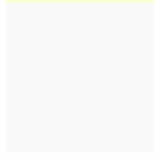
Deuteranomaly
99, 8.141, 104.495

Tritanomaly
99, 6.120, 103.010

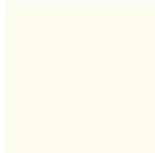
Monochromacy



Original Color
99, 20.739, 110.654



Achromatopsia
98, 0.011, 296.813



Achromatomaly
99, 7.623, 112.282

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 20.739, 110.654 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(253, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 214)  
}
```

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(253, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 20.739, 110.654 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(253, 255, 214) }
```

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

```
.border{ border-color:rgb(253, 255, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 255, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 20.739, 110.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 214) }
```

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

```
.background{ background-color: rgb(253,  
255, 214) }
```

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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