

Converting Colors

CIELCh(99, 20.623, 109.325)

Have a look what the booklet for
CIELCh(99, 20.623, 109.325)
contains.

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Color

CIELCh(99, 20.726, 109.632)

Conversions

Conversions Part 1

Format	Color
Hex	FEFFD6
RGB	254, 255, 214
RGB Percent	100%, 100%, 84%
CMY	0.0040, 0.0000, 0.1608
CMYK	0.00, 0.00, 0.16, 0.00
HSL	61°, 100%, 92%
HSV	61°, 16%, 100%
XYZ	88.7616, 97.4360, 77.7396
YIQ	250.0270, 12.5650, -12.9630

Conversions

Conversions Part 2

Format	Color
R_{YB}	214, 255, 215
Decimal	16711638
CIE Lab	99.00, -6.96, 19.52
CIE LCh	99, 20.726, 109.632
Yxy	97.4360, 0.3363, 0.3692
Android (android.graphics.Color)	4294901718 (0xFFFEFFD6)
YUV	250.0270, -17.7613, 3.4843
Hunter-Lab	98.7097, -12.2314, 22.4025

Details

The CIELCh color **99, 20.726, 109.632** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 21.513, 292.842**, 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, 20.652, 109.372** is the 20% darker color. If you saturate the color by 10%, you get **98, 33.464, 108.697**, and if you desaturate by 10%, it is **100, 7.851, 110.571**.

Distribution



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



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 99, 20.726, 109.632 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, 20.726, 109.632 by changing the saturation by 10% instead.


 99, 20.726,
109.632


 99, 20.726,
109.632


 100, 20.726,
109.632


 89, 20.726,
109.632

 79, 20.726,
109.632

 69, 20.726,
109.632

 59, 20.726,
109.632

 49, 20.726,
109.632

 39, 20.726,
109.632

 29, 20.726,

109.632

■ 19, 20.726,
109.632

■ 9, 20.726, 109.632

■ 99, 20.726,
109.632

■ 99, 20.726,
109.632

■ 98, 33.464,
108.697

■ 100, 7.851,
110.571

■ 98, 45.931,
107.772

100, 0.014,
302.493

■ 98, 57.933,
106.887

■ 97, 69.167,
106.074

■ 97, 79.188,
105.373

■ 97, 87.410,
104.833

■ 97, 93.221,
104.500

■ 97, 96.282,
104.397

■ 97, 96.964,
104.400

Harmonies

Complementary

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



99, 20.726, 109.632



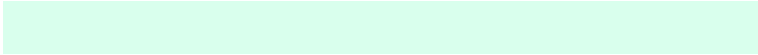
87, 21.513, 292.842

Rectangle

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



99, 20.726, 109.632



99, 20.726, 159.632



99, 20.726, 289.632



99, 20.726, 339.632

Sweetspot

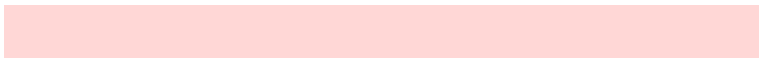
The Sweet Spot groups the original color and five complimentary colors.



99, 20.728, 109.637



100, 6.455, 110.670



89, 15.008, 21.809



53, 4.405, 110.606



0, 0.000, 0.000



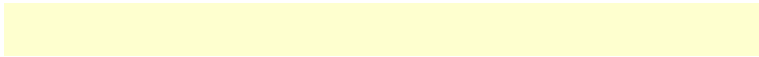
53, 0.007, 296.813

Same Dimension

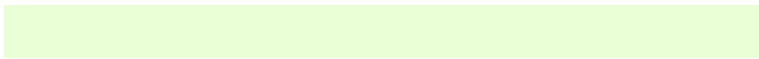
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 20.728, 109.637



99, 24.466, 109.363



98, 22.233, 128.930



53, 7.340, 110.254



75, 78.098, 104.374



26, 35.528, 104.353

Inverse Universe

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



87, 21.513, 292.842



84, 25.573, 293.201



88, 22.713, 310.380



49, 7.506, 292.096



23, 107.658, 306.356



3, 44.187, 302.257

Previews

White Background



This preview shows how the CIE LCh color 99, 20.726, 109.632 looks on a white background.

Color Contrast Check

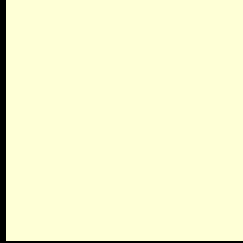
Large Text (above 18pt) WCAG AA × Fail

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, 20.726, 109.632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

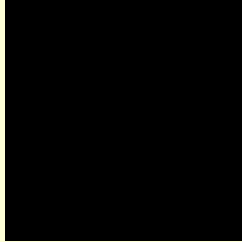
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 20.726, 109.632

Background



This preview shows how black text looks on a background with the CIELCh color 99, 20.726, 109.632.



This preview shows how white text looks on a background with the CIELCh color 99, 20.726, 109.632.

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, 20.726, 109.632



Protanopia
99, 4.181, 95.099

Deuteranopia
99, 1.487, 38.999

Tritanopia

99, 2.311, 317.261

Trichromacy



Original Color
99, 20.726, 109.632

Protanomaly
99, 10.157, 105.331

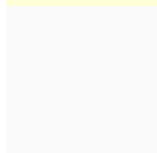
Deuteranomaly
99, 7.674, 101.531

Tritanomaly
99, 6.120, 103.010

Monochromacy



Original Color
99, 20.726, 109.632



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, 20.726, 109.632 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(254, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 20.726, 109.632 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(254, 255, 214) }
```

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

```
.border{ border-color:rgb(254, 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(254, 255, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 20.726, 109.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 214) }
```

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

```
.background{ background-color: rgb(254,  
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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