

Converting Colors

CIELCh(97, 59.243, 103.616)

Have a look what the booklet for
CIELCh(97, 59.243, 103.616)
contains.

CIELCh(97, 59.201, 104.025)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(97, 59.201, 104.025)

Conversions

Conversions Part 1

Format	Color
Hex	FFFC84
RGB	255, 252, 132
RGB Percent	100%, 99%, 52%
CMY	0.0000, 0.0131, 0.4839
CMYK	0.00, 0.01, 0.48, 0.00
HSL	58°, 100%, 76%
HSV	58°, 48%, 100%
XYZ	80.3240, 92.4403, 35.2979
YIQ	239.2170, 40.3080, -36.6840

Conversions

Conversions Part 2

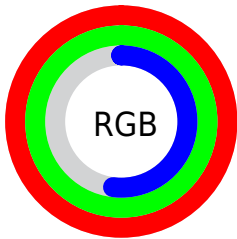
Format	Color
R _Y B	135, 255, 132
Decimal	16776324
CIE Lab	97.00, -14.35, 57.44
CIE LCh	97, 59.201, 104.025
Yxy	92.4403, 0.3861, 0.4443
Android (android.graphics.Color)	4294966404 (0xFFFFFC84)
YUV	239.2170, -52.8580, 13.8417
Hunter-Lab	96.1459, -19.1294, 45.5351

Details

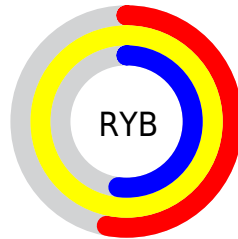
The CIELCh color **97, 59.201, 104.025** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **61, 67.303, 296.280**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 34.195, 107.573**, and **77, 59.484, 104.636** is the 20% darker color. If you saturate the color by 10%, you get **97, 70.020, 103.400**, and if you desaturate by 10%, it is **97, 47.561, 105.246**.

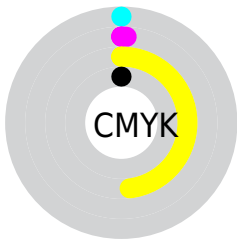
Distribution



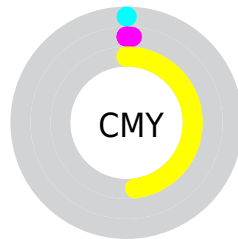
- Red (100%)
- Green (99%)
- Blue (52%)



- Red (53%)
- Yellow (100%)
- Blue (52%)



- Cyan (0%)
- Magenta (1%)
- Yellow (48%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 59.201, 104.025 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 97, 59.201, 104.025 by changing the saturation by 10% instead.


 97, 59.201,
104.025


 97, 59.201,
104.025

 100, 59.201,
104.025


 87, 59.201,
104.025

 77, 59.201,
104.025

 67, 59.201,
104.025


 57, 59.201,
104.025

 47, 59.201,
104.025


 37, 59.201,
104.025


 27, 59.201,


104.025

 17, 59.201,
104.025


 7, 59.201, 104.025


 97, 59.201,
104.025


 97, 59.201,
104.025

 97, 70.020,
103.400


 97, 47.561,
105.246


 96, 79.561,
102.608

 98, 35.446,
106.237

 96, 87.194,
101.950

 99, 23.061,
107.242

 96, 92.302,
101.457

 99, 10.538,
108.241

■ 95, 94.688,
101.129

100, 0.012,
296.813

■ 95, 94.947,
101.084

Harmonies

Complementary

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



97, 59.201, 104.025



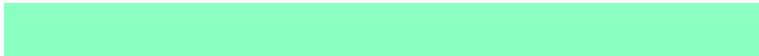
61, 67.303, 296.280

Rectangle

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



97, 59.201, 104.025



97, 59.201, 154.025



97, 59.201, 284.025



97, 59.201, 334.025

Sweetspot

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



97, 59.194, 104.291



99, 18.828, 107.582



69, 51.017, 22.509



53, 12.839, 107.371



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

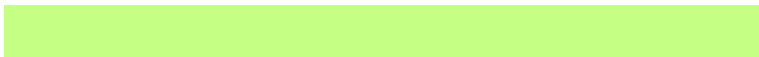
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 59.194, 104.291



97, 69.620, 103.433



94, 64.929, 125.598



53, 7.142, 108.130



74, 76.501, 101.115



25, 34.779, 101.494

Inverse Universe

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



61, 67.303, 296.280



54, 82.212, 298.387



65, 70.232, 310.523



49, 7.296, 290.094



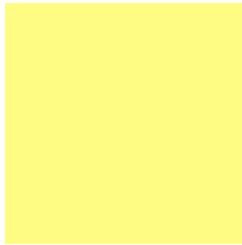
23, 106.559, 305.974



4, 43.267, 301.310

Previews

White Background



This preview shows how the CIE LCh color 97, 59.201, 104.025 looks on a white background.

Color Contrast Check

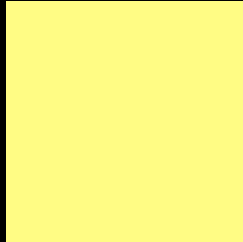
Large Text (above 18pt) WCAG AA × Fail

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 97, 59.201, 104.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

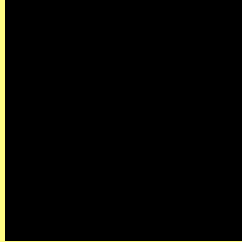
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 59.201, 104.025

Background



This preview shows how black text looks on a background with the CIELCh color 97, 59.201, 104.025.

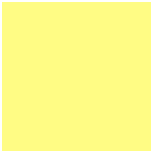
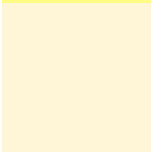
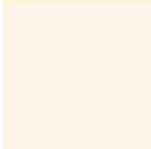


This preview shows how white text looks on a background with the CIELCh color 97, 59.201, 104.025.

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](#).

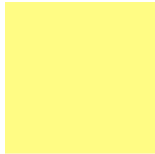
Dichromacy

	Original Color 97, 59.162, 104.435
	Protanopia 97, 16.117, 96.999
	Deuteranopia 97, 6.439, 71.741



Tritanopia
97, 5.567, 339.698

Trichromacy



Original Color
97, 59.162, 104.435



Protanomaly
97, 31.981, 102.862



Deuteranomaly
97, 25.552, 101.373

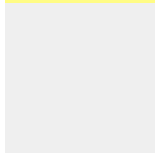


Tritanomaly
97, 20.114, 98.973

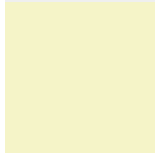
Monochromacy



Original Color
97, 59.162, 104.435



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 22.407, 107.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 59.201, 104.025 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, 252, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 132)  
}
```

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, 252, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 59.201, 104.025 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, 252, 132) }
```

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

```
.border{ border-color:rgb(255, 252, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 59.201, 104.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 132) }
```

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

```
.background{ background-color: rgb(255,  
252, 132) }
```

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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