

Converting Colors

CIELCh(100, 53.460, 72.389)

Have a look what the booklet for
CIELCh(100, 53.460, 72.389)
contains.

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Color

CIELCh(95, 43.308, 99.339)

Conversions

Conversions Part 1

Format	Color
Hex	FFF29D
RGB	255, 242, 157
RGB Percent	100%, 95%, 62%
CMY	0.0000, 0.0499, 0.3835
CMYK	0.00, 0.05, 0.38, 0.00
HSL	52°, 100%, 81%
HSV	52°, 38%, 100%
XYZ	79.6624, 87.6183, 44.7017
YIQ	236.1970, 35.0330, -23.6790

Conversions

Conversions Part 2

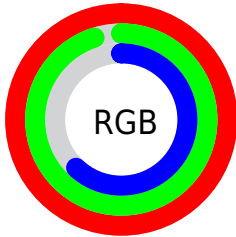
Format	Color
RYB	172, 255, 157
Decimal	16773789
CIELab	95.00, -7.03, 42.73
CIELCh	95, 43.308, 99.339
Yxy	87.6183, 0.3758, 0.4133
Android (android.graphics.Color)	4294963869 (0xFFFFF29D)
YUV	236.1970, -39.0441, 16.4902
Hunter-Lab	93.6047, -11.8954, 37.2088

Details

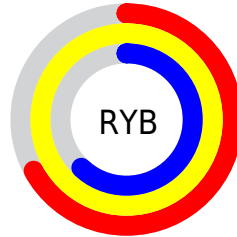
The CIELCh color **95, 43.308, 99.339** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **72, 46.388, 289.913**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 21.724, 108.532**, and **75, 43.355, 99.784** is the 20% darker color. If you saturate the color by 10%, you get **94, 54.089, 98.905**, and if you desaturate by 10%, it is **96, 32.077, 101.169**.

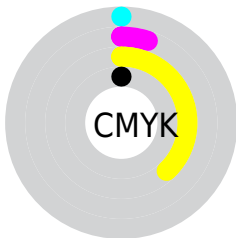
Distribution



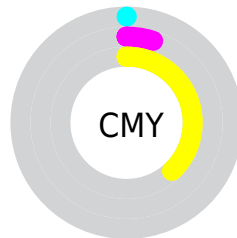
- Red (100%)
- Green (95%)
- Blue (62%)



- Red (67%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (5%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 43.308, 99.339 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 95, 43.308, 99.339 by changing the saturation by 10% instead.

 95, 43.308, 99.339

 95, 43.308, 99.339

 100, 43.308,
99.339

 85, 43.308, 99.339

 75, 43.308, 99.339

 65, 43.308, 99.339

 55, 43.308, 99.339

 45, 43.308, 99.339

 35, 43.308, 99.339

 25, 43.308, 99.339

 15, 43.308, 99.339

 5, 43.308, 99.339

95, 43.308, 99.339

95, 43.308, 99.339

94, 54.089, 98.905

96, 32.077,
101.169

93, 64.342, 97.791

97, 20.777,
102.291

92, 73.542, 96.707

91, 81.042, 95.662

99, 9.440, 103.386

90, 86.090, 94.649

100, 0.012,
296.813

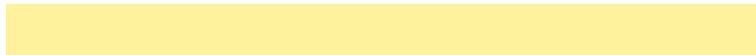
89, 88.288, 93.641

89, 88.515, 93.475

Harmonies

Complementary

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



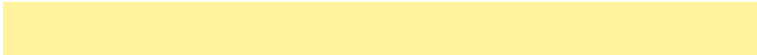
95, 43.308, 99.339



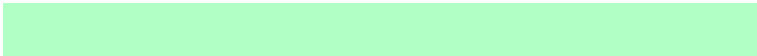
72, 46.388, 289.913

Rectangle

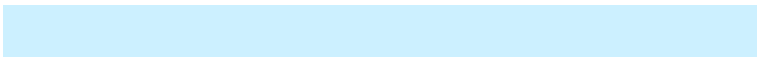
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 43.308, 99.339



95, 43.308, 149.339



95, 43.308, 279.339



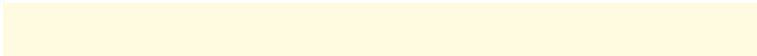
95, 43.308, 329.339

Sweetspot

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



95, 43.239, 100.036



98, 13.576, 102.992



75, 38.925, 13.054



52, 9.007, 102.849



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

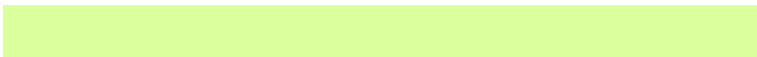
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 43.239, 100.036



94, 51.579, 99.170



96, 50.798, 122.242



53, 6.429, 103.262



68, 71.389, 93.654



23, 32.093, 95.038

Inverse Universe

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



72, 46.388, 289.913



66, 56.462, 291.491



71, 54.658, 306.714



49, 6.533, 285.401



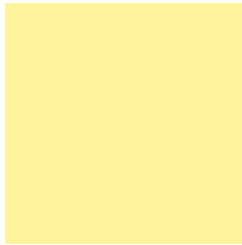
25, 100.753, 304.399



5, 39.989, 299.330

Previews

White Background



This preview shows how the CIE LCh color 95, 43.308, 99.339 looks on a white background.

Color Contrast Check

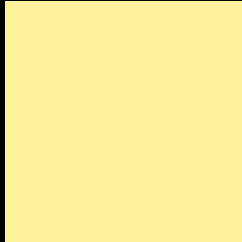
Large Text (above 18pt) WCAG AA × Fail

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 95, 43.308, 99.339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

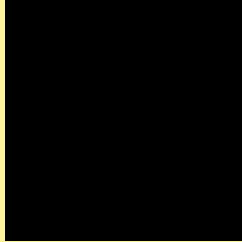
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 43.308, 99.339

Background



This preview shows how black text looks on a background with the CIELCh color 95, 43.308, 99.339.

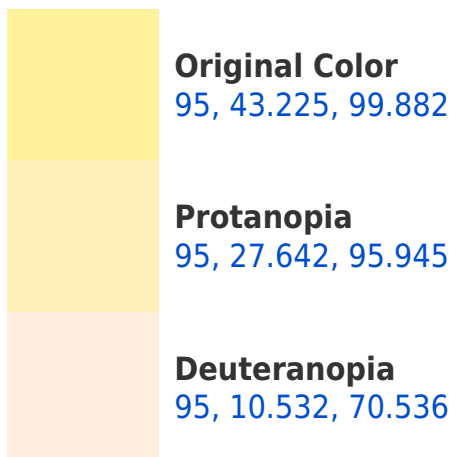



This preview shows how white text looks on a background with the CIELCh color 95, 43.308, 99.339.

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





Tritanopia
95, 8.787, 344.253

Trichromacy



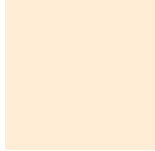
Original Color
95, 43.225, 99.882



Protanomaly
95, 33.492, 98.151



Deuteranomaly
95, 21.826, 92.317

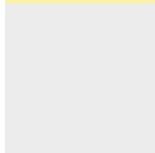


Tritanomaly
95, 14.279, 82.829

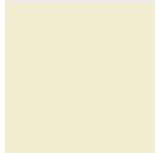
Monochromacy



Original Color
95, 43.225, 99.882



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 15.981, 102.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 43.308, 99.339 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, 242, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 157)  
}
```

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, 242, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 43.308, 99.339 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, 242, 157) }
```

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

```
.border{ border-color:rgb(255, 242, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 43.308, 99.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 157) }
```

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

```
.background{ background-color: rgb(255,  
242, 157) }
```

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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