

Converting Colors

CIELCh(95, 43.156, 99.848)

Have a look what the booklet for
CIELCh(95, 43.156, 99.848) contains.

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Color

CIELCh(95, 42.739, 99.850)

Conversions

Conversions Part 1

Format	Color
Hex	FFF29E
RGB	255, 242, 158
RGB Percent	100%, 95%, 62%
CMY	0.0000, 0.0491, 0.3787
CMYK	0.00, 0.05, 0.38, 0.00
HSL	52°, 100%, 81%
HSV	52°, 38%, 100%
XYZ	79.5188, 87.6183, 45.2679
YIQ	236.3110, 34.7120, -23.3680

Conversions

Conversions Part 2

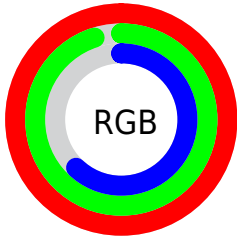
Format	Color
R _Y B	173, 255, 158
Decimal	16773790
CIE Lab	95.00, -7.31, 42.11
CIE LCh	95, 42.739, 99.850
Yxy	87.6183, 0.3744, 0.4125
Android (android.graphics.Color)	4294963870 (0xFFFFF29E)
YUV	236.3110, -38.6073, 16.3903
Hunter-Lab	93.6047, -12.1693, 36.8502

Details

The CIELCh color **95, 42.739, 99.850** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **72, 45.776, 289.835**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 21.222, 108.570**, and **75, 42.862, 99.767** is the 20% darker color. If you saturate the color by 10%, you get **94, 53.589, 98.980**, and if you desaturate by 10%, it is **96, 31.541, 101.243**.

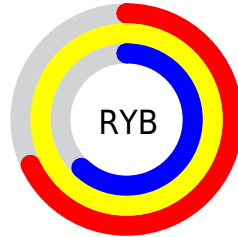
Distribution



Red (100%)

Green (95%)

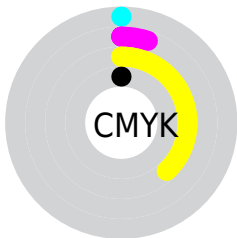
Blue (62%)



Red (68%)

Yellow (100%)

Blue (62%)

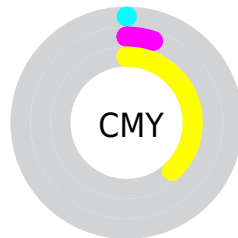


Cyan (0%)

Magenta (5%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 42.739, 99.850 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, 42.739, 99.850 by changing the saturation by 10% instead.

 95, 42.739, 99.850

 95, 42.739, 99.850

 100, 42.739,
99.850

 85, 42.739, 99.850

 75, 42.739, 99.850

 65, 42.739, 99.850

 55, 42.739, 99.850

 45, 42.739, 99.850

 35, 42.739, 99.850

 25, 42.739, 99.850

 15, 42.739, 99.850

 5, 42.739, 99.850

95, 42.739, 99.850

95, 42.739, 99.850

94, 53.589, 98.980

96, 31.541,
101.243

93, 63.881, 97.865

98, 20.233,
102.364

92, 73.147, 96.781

91, 80.747, 95.735

99, 8.893, 103.457

90, 85.930, 94.723

100, 0.012,
296.813

89, 88.240, 93.718

89, 88.533, 93.503

Harmonies

Complementary

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



95, 42.739, 99.850



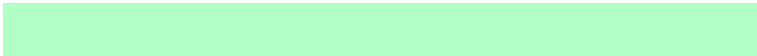
72, 45.776, 289.835

Rectangle

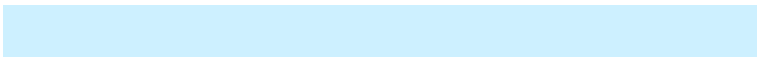
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 42.739, 99.850



95, 42.739, 149.850



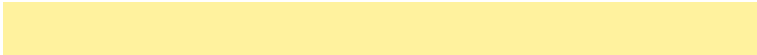
95, 42.739, 279.850



95, 42.739, 329.850

Sweetspot

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



95, 42.716, 100.111



98, 12.447, 103.119



75, 38.390, 12.969



52, 8.365, 102.971



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

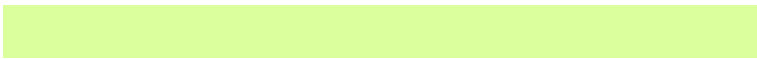
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 42.716, 100.111



94, 50.518, 99.303



96, 50.175, 122.267



53, 6.431, 103.281



68, 71.404, 93.681



23, 32.102, 95.062

Inverse Universe

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



72, 45.776, 289.835



67, 55.151, 291.291



72, 53.930, 306.677



49, 6.536, 285.419



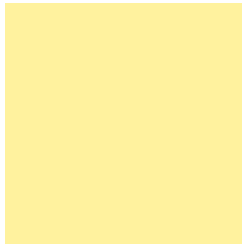
25, 100.780, 304.406



5, 40.000, 299.338

Previews

White Background



This preview shows how the CIE LCh color 95, 42.739, 99.850 looks on a white background.

Color Contrast Check

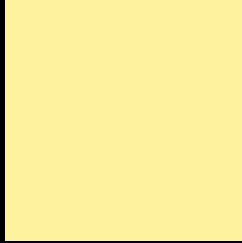
Large Text (above 18pt) WCAG AA × Fail

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, 42.739, 99.850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

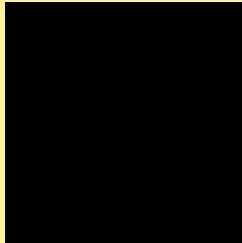
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 42.739, 99.850

Background



This preview shows how black text looks on a background with the CIELCh color 95, 42.739, 99.850.

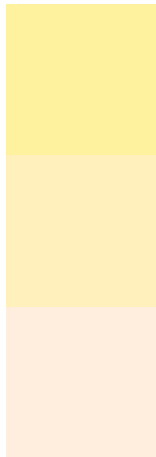


This preview shows how white text looks on a background with the CIELCh color 95, 42.739, 99.850.

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


95, 42.739, 99.850

Protanopia

95, 27.146, 95.777

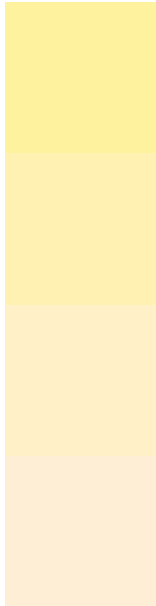
Deuteranopia

95, 10.292, 72.147



Tritanopia
95, 9.093, 341.628

Trichromacy



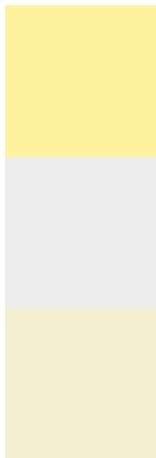
Original Color
95, 42.739, 99.850

Protanomaly
95, 32.997, 98.060

Deuteranomaly
95, 21.703, 93.299

Tritanomaly
95, 13.817, 81.962

Monochromacy



Original Color
95, 42.739, 99.850

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 15.968, 102.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 42.739, 99.850 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 42.739, 99.850 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, 158) }
```

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

```
.border{ border-color:rgb(255, 242, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 42.739, 99.850 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, 158) }
```

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

```
.background{ background-color: rgb(255,  
242, 158) }
```

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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