

Converting Colors

CIELCh(95, 39.811, 95.920)

Have a look what the booklet for
CIELCh(95, 39.811, 95.920) contains.

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Color

CIELCh(95, 39.404, 98.983)

Conversions

Conversions Part 1

Format	Color
Hex	FFF2A5
RGB	255, 242, 165
RGB Percent	100%, 95%, 65%
CMY	0.0000, 0.0512, 0.3534
CMYK	0.00, 0.05, 0.35, 0.00
HSL	51°, 100%, 82%
HSV	51°, 35%, 100%
XYZ	80.1070, 87.6183, 48.2310
YIQ	237.1090, 32.4650, -21.1910

Conversions

Conversions Part 2

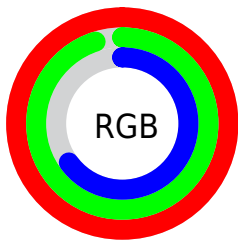
Format	Color
R _Y B	180, 255, 165
Decimal	16773797
CIE Lab	95.00, -6.15, 38.92
CIE LCh	95, 39.404, 98.983
Yxy	87.6183, 0.3709, 0.4057
Android (android.graphics.Color)	4294963877 (0xFFFFF2A5)
YUV	237.1090, -35.5497, 15.6904
Hunter-Lab	93.6047, -11.0477, 34.9734

Details

The CIELCh color **95, 39.404, 98.983** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **74, 41.757, 288.612**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 17.195, 108.877**, and **75, 39.372, 99.604** is the 20% darker color. If you saturate the color by 10%, you get **94, 50.206, 98.381**, and if you desaturate by 10%, it is **96, 28.267, 100.689**.

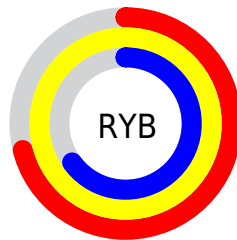
Distribution



Red (100%)

Green (95%)

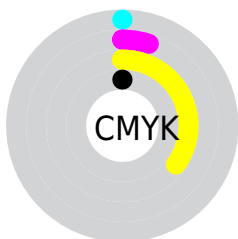
Blue (65%)



Red (71%)

Yellow (100%)

Blue (65%)

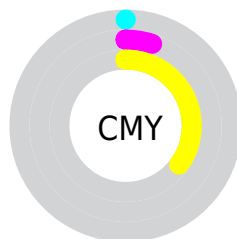


Cyan (0%)

Magenta (5%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 39.404, 98.983 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, 39.404, 98.983 by changing the saturation by 10% instead.

 95, 39.404, 98.983

 95, 39.404, 98.983

 100, 39.404,
98.983

 85, 39.404, 98.983

 75, 39.404, 98.983

 65, 39.404, 98.983

 55, 39.404, 98.983

 45, 39.404, 98.983

 35, 39.404, 98.983

 25, 39.404, 98.983

 15, 39.404, 98.983

 5, 39.404, 98.983

95, 39.404, 98.983

95, 39.404, 98.983

94, 50.206, 98.381

96, 28.267,
100.689

92, 60.595, 97.230

98, 17.101,
101.822

91, 70.126, 96.096

90, 78.207, 94.986

99, 5.934, 102.915

89, 84.082, 93.893

100, 0.012,
296.813

88, 87.107, 92.786

88, 87.743, 92.259

Harmonies

Complementary

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



95, 39.404, 98.983



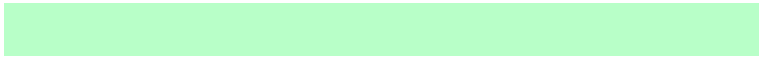
74, 41.757, 288.612

Rectangle

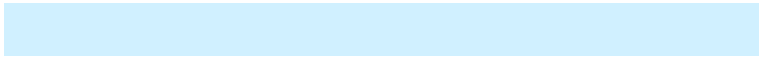
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 39.404, 98.983



95, 39.404, 148.983



95, 39.404, 278.983



95, 39.404, 328.983

Sweetspot

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



95, 39.350, 99.538



98, 12.252, 102.304



77, 35.648, 11.269



52, 8.235, 102.154



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

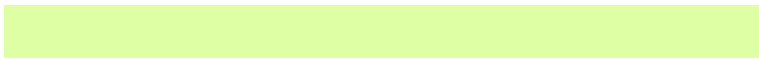
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 39.350, 99.538



94, 46.618, 98.767



96, 46.761, 121.742



53, 6.330, 102.468



68, 70.773, 92.463



23, 31.731, 93.997

Inverse Universe

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



74, 41.757, 288.612



69, 50.244, 289.930



73, 50.072, 305.946



49, 6.427, 284.634



26, 99.564, 304.056



5, 39.514, 299.004

Previews

White Background



This preview shows how the CIE LCh color 95, 39.404, 98.983 looks on a white background.

Color Contrast Check

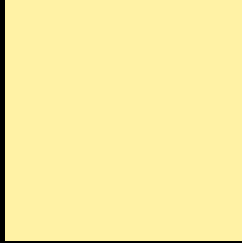
Large Text (above 18pt) WCAG AA × Fail

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, 39.404, 98.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

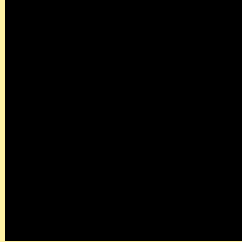
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 39.404, 98.983

Background



This preview shows how black text looks on a background with the CIELCh color 95, 39.404, 98.983.

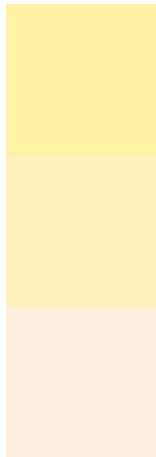


This preview shows how white text looks on a background with the CIELCh color 95, 39.404, 98.983.

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, 39.319, 99.572

Protanopia

95, 27.146, 95.777

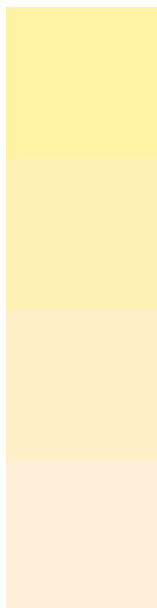
Deuteranopia

95, 10.131, 68.792



Tritanopia
95, 9.093, 341.628

Trichromacy



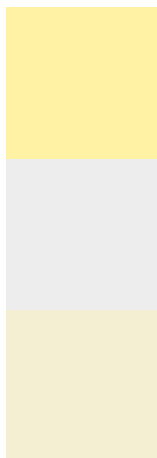
Original Color
95, 39.319, 99.572

Protanomaly
95, 31.510, 97.763

Deuteranomaly
95, 20.355, 91.307

Tritanomaly
95, 12.454, 78.957

Monochromacy



Original Color
95, 39.319, 99.572

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 14.446, 101.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 39.404, 98.983 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 39.404, 98.983 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, 165) }
```

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

```
.border{ border-color:rgb(255, 242, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 39.404, 98.983 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, 165) }
```

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

```
.background{ background-color: rgb(255,  
242, 165) }
```

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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