

Converting Colors

CIELCh(95, 34.391, 101.200)

Have a look what the booklet for
CIELCh(95, 34.391, 101.200)
contains.

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Color

CIELCh(95, 34.659, 101.637)

Conversions

Conversions Part 1

Format	Color
Hex	FCF3AF
RGB	252, 243, 175
RGB Percent	99%, 95%, 69%
CMY	0.0131, 0.0483, 0.3150
CMYK	0.00, 0.04, 0.31, 0.01
HSL	53°, 92%, 84%
HSV	53°, 31%, 99%
XYZ	79.6811, 87.6183, 53.1074
YIQ	237.9390, 27.1920, -19.2400

Conversions

Conversions Part 2

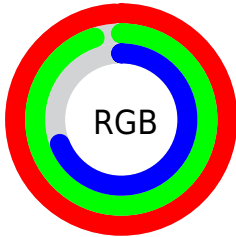
Format	Color
RYB	185, 252, 175
Decimal	16577455
CIELab	95.00, -6.99, 33.95
CIElCh	95, 34.659, 101.637
Yxy	87.6183, 0.3615, 0.3975
Android (android.graphics.Color)	4294767535 (0xFFFCF3AF)
YUV	237.9390, -31.0289, 12.3315
Hunter-Lab	93.6047, -11.8598, 31.8846

Details

The CIELCh color **95, 34.659, 101.637** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76, 36.637, 289.122**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.147, 109.259**, and **75, 34.624, 101.328** is the 20% darker color. If you saturate the color by 10%, you get **94, 45.766, 100.528**, and if you desaturate by 10%, it is **96, 23.370, 102.750**.

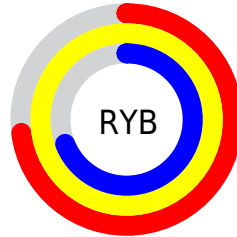
Distribution



Red (99%)

Green (95%)

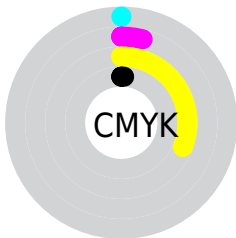
Blue (69%)



Red (73%)

Yellow (99%)

Blue (69%)

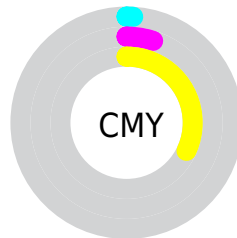


Cyan (0%)

Magenta (4%)

Yellow (31%)

Black (1%)



Cyan (1%)


Magenta (5%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 34.659, 101.637 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, 34.659, 101.637 by changing the saturation by 10% instead.


 95, 34.659,
101.637


 95, 34.659,
101.637


 100, 34.659,
101.637


 85, 34.659,
101.637

 75, 34.659,
101.637

 65, 34.659,
101.637

 55, 34.659,
101.637

 45, 34.659,
101.637

 35, 34.659,
101.637

 25, 34.659,

101.637

■ 15, 34.659,
101.637

■ 5, 34.659, 101.637

■ 95, 34.659,
101.637

■ 95, 34.659,
101.637

■ 94, 45.766,
100.528

■ 96, 23.370,
102.750

■ 93, 56.488, 99.424

■ 97, 12.011,
103.838

■ 92, 66.508, 98.347

■ 99, 0.654, 104.710

■ 91, 75.331, 97.313

■ 100, 1.003,
216.877

■ 90, 82.283, 96.332

■ 100, 1.160,

■ 89, 86.658, 95.401 199.903

■ 88, 88.361, 94.546

Harmonies

Complementary

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



95, 34.659, 101.637



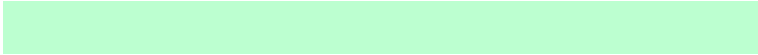
76, 36.637, 289.122

Rectangle

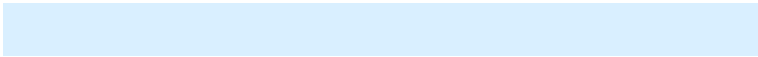
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 34.659, 101.637



95, 34.659, 151.637



95, 34.659, 281.637



95, 34.659, 331.637

Sweetspot

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



95, 34.661, 101.641



99, 10.317, 104.007



79, 30.138, 11.799



53, 7.171, 103.852



0, 0.000, 0.000



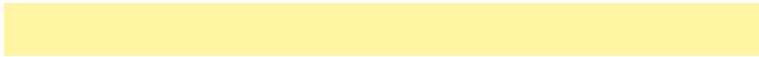
53, 0.007, 296.813

Same Dimension

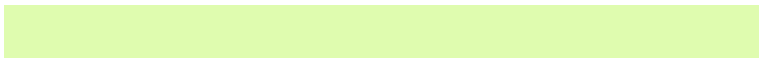
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 34.661, 101.641



95, 42.262, 100.924



95, 40.305, 122.652



52, 6.411, 103.955



68, 71.259, 94.705



22, 31.284, 96.065

Inverse Universe

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



76, 36.637, 289.122



72, 45.348, 290.281



76, 42.645, 306.144



48, 6.520, 286.066



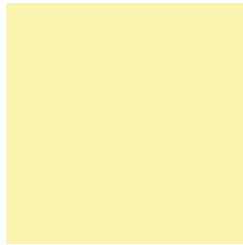
24, 100.673, 304.662



4, 38.569, 298.754

Previews

White Background



This preview shows how the CIE LCh color 95, 34.659, 101.637 looks on a white background.

Color Contrast Check

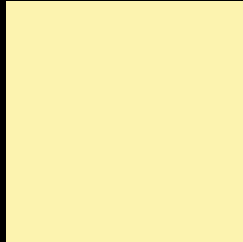
Large Text (above 18pt) WCAG AA × Fail

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, 34.659, 101.637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

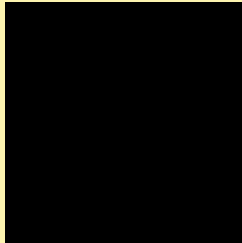
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 34.659, 101.637

Background



This preview shows how black text looks on a background with the CIELCh color 95, 34.659, 101.637.

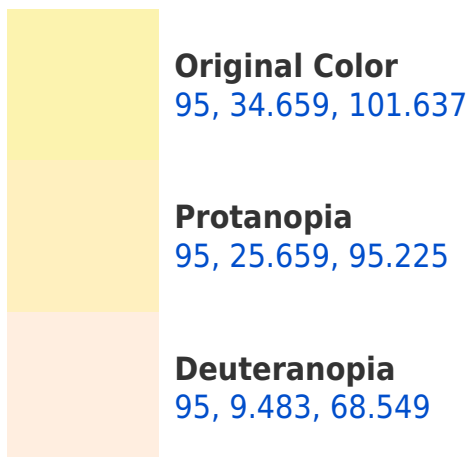


This preview shows how white text looks on a background with the CIELCh color 95, 34.659, 101.637.

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](#).

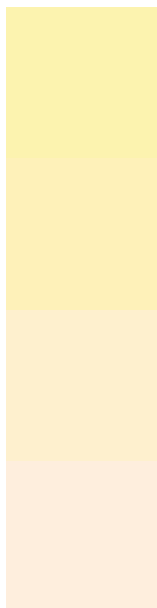
Dichromacy





Tritanopia
95, 9.757, 336.903

Trichromacy



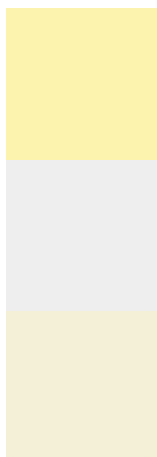
Original Color
95, 34.659, 101.637

Protanomaly
95, 28.957, 97.927

Deuteranomaly
95, 18.153, 91.949

Tritanomaly
95, 10.496, 75.379

Monochromacy



Original Color
95, 34.659, 101.637

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 12.835, 104.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 34.659, 101.637 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(252, 243, 175)` looks like.

```
.text, #text, p{  
    color:rgb(252, 243, 175)  
}
```

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(252, 243, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 243, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 34.659, 101.637 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(252, 243, 175) }
```

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

```
.border{ border-color:rgb(252, 243, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 243, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 243, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 243, 175);  
box-shadow:4px 4px 4px 4px rgb(252, 243,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 34.659, 101.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 243, 175) }
```

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

```
.background{ background-color: rgb(252,  
243, 175) }
```

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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