

Converting Colors

CIELCh(95, 15.637, 100.165)

Have a look what the booklet for
CIELCh(95, 15.637, 100.165)
contains.

CIELCh(95, 15.540, 99.331)	3
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Color

CIELCh(95, 15.540, 99.331)

Conversions

Conversions Part 1

Format	Color
Hex	F8F1D3
RGB	248, 241, 211
RGB Percent	97%, 95%, 83%
CMY	0.0272, 0.0546, 0.1723
CMYK	0.00, 0.03, 0.15, 0.03
HSL	49°, 73%, 90%
HSV	49°, 15%, 97%
XYZ	81.9698, 87.6183, 74.2576
YIQ	239.6730, 13.8020, -7.8460

Conversions

Conversions Part 2

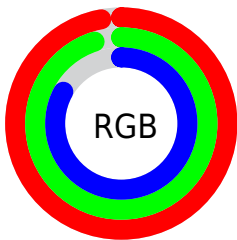
Format	Color
R _Y B	220, 248, 211
Decimal	16314835
CIE Lab	95.00, -2.52, 15.33
CIE LCh	95, 15.540, 99.331
Yxy	87.6183, 0.3362, 0.3593
Android (android.graphics.Color)	4294504915 (0xFFF8F1D3)
YUV	239.6730, -14.1358, 7.3028
Hunter-Lab	93.6047, -7.4953, 18.4879

Details

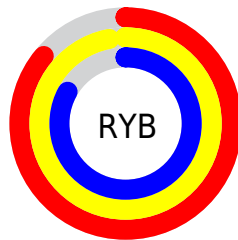
The CIELCh color **95, 15.540, 99.331** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 15.823, 282.928**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 15.735, 100.021** is the 20% darker color. If you saturate the color by 10%, you get **93, 26.030, 98.161**, and if you desaturate by 10%, it is **97, 5.096, 100.466**.

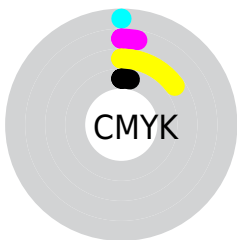
Distribution



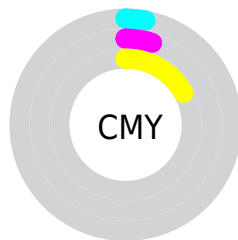
- Red (97%)
- Green (95%)
- Blue (83%)



- Red (86%)
- Yellow (97%)
- Blue (83%)



- Cyan (0%)
- Magenta (3%)
- Yellow (15%)
- Black (3%)



- Cyan (3%)
- Magenta (5%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 15.540, 99.331 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, 15.540, 99.331 by changing the saturation by 10% instead.

 95, 15.540, 99.331

 95, 15.540, 99.331

 100, 15.540,
99.331

 85, 15.540, 99.331

 75, 15.540, 99.331

 65, 15.540, 99.331

 55, 15.540, 99.331

 45, 15.540, 99.331

 35, 15.540, 99.331

 25, 15.540, 99.331

 15, 15.540, 99.331

 5, 15.540, 99.331

95, 15.540, 99.331

95, 15.540, 99.331

93, 26.030, 98.161

97, 5.096, 100.466

92, 36.494, 96.954

98, 2.461, 270.763

90, 46.813, 95.728

99, 2.405, 199.528

89, 56.779, 94.492

87, 66.036, 93.247

86, 74.027, 91.987

85, 79.995, 90.683

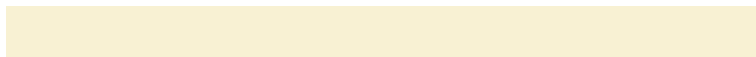
83, 83.211, 89.278

83, 83.970, 88.520

Harmonies

Complementary

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



95, 15.540, 99.331



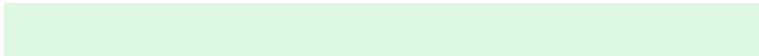
87, 15.823, 282.928

Rectangle

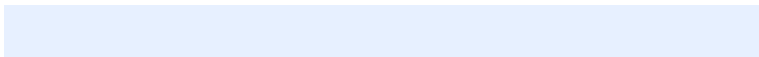
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 15.540, 99.331



95, 15.540, 149.331



95, 15.540, 279.331



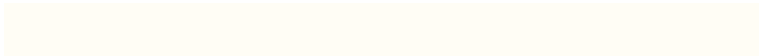
95, 15.540, 329.331

Sweetspot

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



95, 15.542, 99.339



99, 4.237, 100.561



88, 14.127, 4.683



53, 3.013, 100.483



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, 15.542, 99.339



97, 19.199, 98.976



96, 19.294, 120.941



51, 5.945, 99.960



65, 68.477, 88.794



21, 29.570, 90.857

Inverse Universe

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



87, 15.823, 282.928



87, 19.617, 283.373



86, 19.859, 302.728



48, 6.019, 282.207



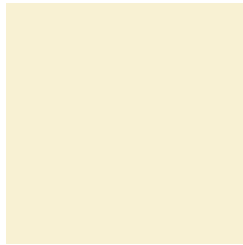
26, 94.533, 302.825



5, 36.385, 297.144

Previews

White Background



This preview shows how the CIE LCh color 95, 15.540, 99.331 looks on a white background.

Color Contrast Check

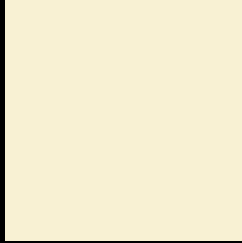
Large Text (above 18pt) WCAG AA × Fail

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, 15.540, 99.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

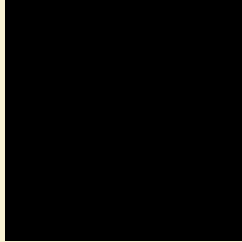
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 15.540, 99.331

Background



This preview shows how black text looks on a background with the CIELCh color 95, 15.540, 99.331.

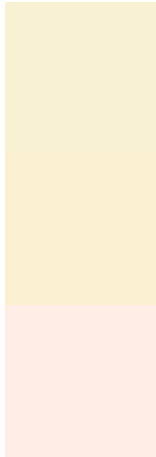


This preview shows how white text looks on a background with the CIELCh color 95, 15.540, 99.331.

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, 15.540, 99.331

Protanopia

95, 15.971, 92.675

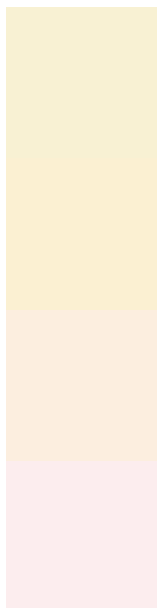
Deuteranopia

95, 7.438, 48.449



Tritanopia
95, 11.446, 326.278

Trichromacy



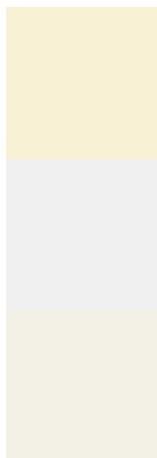
Original Color
95, 15.540, 99.331

Protanomaly
95, 15.869, 93.978

Deuteranomaly
95, 9.220, 75.782

Tritanomaly
95, 5.392, 14.212

Monochromacy



Original Color
95, 15.540, 99.331

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 5.722, 98.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 15.540, 99.331 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(248, 241, 211)` looks like.

```
.text, #text, p{  
    color:rgb(248, 241, 211)  
}
```

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(248, 241, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 241, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 15.540, 99.331 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(248, 241, 211) }
```

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

```
.border{ border-color:rgb(248, 241, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 241, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 241, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 241, 211);  
box-shadow:4px 4px 4px 4px rgb(248, 241,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 15.540, 99.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 241, 211) }
```

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

```
.background{ background-color: rgb(248,  
241, 211) }
```

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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