

Converting Colors

CIE LCh(97, 34.506, 82.116)

Have a look what the booklet for
CIELCh(97, 34.506, 82.116) contains.

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Color

CIELCh(95, 31.510, 97.763)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1B4
RGB	255, 241, 180
RGB Percent	100%, 95%, 71%
CMY	0.0000, 0.0542, 0.2934
CMYK	0.00, 0.05, 0.29, 0.00
HSL	49°, 100%, 85%
HSV	49°, 29%, 100%
XYZ	81.0758, 87.6183, 55.9135
YIQ	238.2320, 27.9250, -16.0030

Conversions

Conversions Part 2

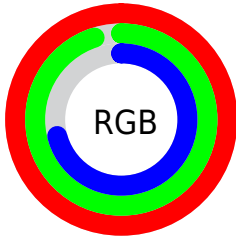
Format	Color
R _Y B	197, 255, 180
Decimal	16773556
CIE Lab	95.00, -4.26, 31.22
CIE LCh	95, 31.510, 97.763
Yxy	87.6183, 0.3610, 0.3901
Android (android.graphics.Color)	4294963636 (0xFFFFF1B4)
YUV	238.2320, -28.7084, 14.7055
Hunter-Lab	93.6047, -9.2002, 30.1072

Details

The CIELCh color **95, 31.510, 97.763** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **79, 32.726, 285.450**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.618, 109.449**, and **75, 31.308, 98.021** is the 20% darker color. If you saturate the color by 10%, you get **93, 42.188, 96.689**, and if you desaturate by 10%, it is **97, 20.731, 99.090**.

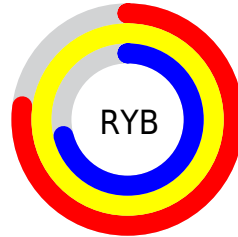
Distribution



Red (100%)

Green (95%)

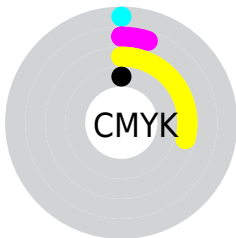
Blue (71%)



Red (77%)

Yellow (100%)

Blue (71%)

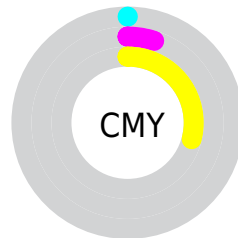


Cyan (0%)

Magenta (5%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 31.510, 97.763 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, 31.510, 97.763 by changing the saturation by 10% instead.

95, 31.510, 97.763

95, 31.510, 97.763

100, 31.510,
97.763

85, 31.510, 97.763

75, 31.510, 97.763

65, 31.510, 97.763

55, 31.510, 97.763

45, 31.510, 97.763

35, 31.510, 97.763

25, 31.510, 97.763

15, 31.510, 97.763

5, 31.510, 97.763

95, 31.510, 97.763

95, 31.510, 97.763

93, 42.188, 96.689

97, 20.731, 99.090

92, 52.639, 95.464

98, 9.978, 100.243

90, 62.577, 94.231

100, 0.012,
296.813

89, 71.548, 92.992

88, 78.878, 91.733

86, 83.758, 90.415

85, 85.821, 88.985

85, 85.918, 88.889

Harmonies

Complementary

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



95, 31.510, 97.763



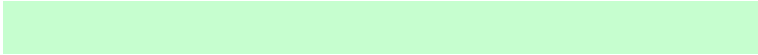
79, 32.726, 285.450

Rectangle

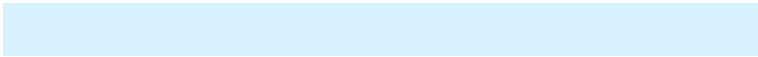
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 31.510, 97.763



95, 31.510, 147.763



95, 31.510, 277.763



95, 31.510, 327.763

Sweetspot

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



95, 31.498, 97.900



98, 9.611, 100.282



81, 29.416, 6.543



52, 6.683, 100.117



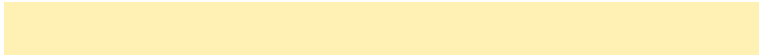
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

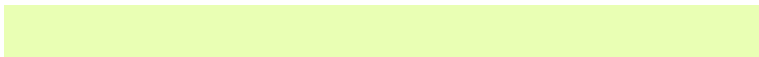
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 31.498, 97.900



94, 37.565, 97.217



97, 38.614, 120.081



52, 6.073, 100.225



66, 69.309, 89.164



22, 30.810, 91.083

Inverse Universe

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



79, 32.726, 285.450



75, 39.403, 286.490



78, 40.977, 303.814



49, 6.151, 282.467



27, 95.996, 302.985



6, 38.209, 298.046

Previews

White Background



This preview shows how the CIE LCh color 95, 31.510, 97.763 looks on a white background.

Color Contrast Check

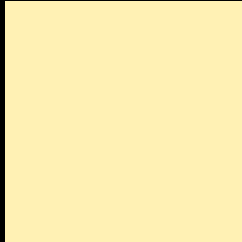
Large Text (above 18pt) WCAG AA × Fail

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, 31.510, 97.763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

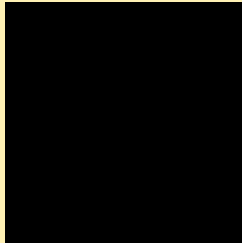
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 31.510, 97.763

Background



This preview shows how black text looks on a background with the CIELCh color 95, 31.510, 97.763.

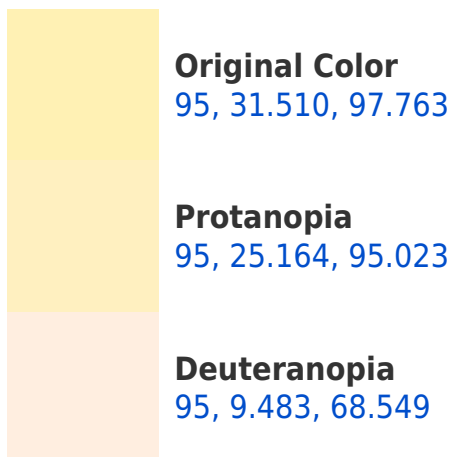


This preview shows how white text looks on a background with the CIELCh color 95, 31.510, 97.763.

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](#).

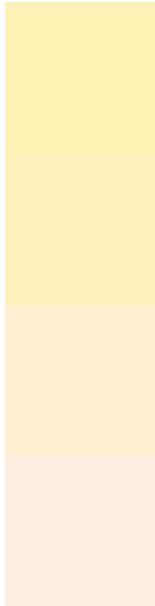
Dichromacy





Tritanopia
95, 9.417, 339.180

Trichromacy



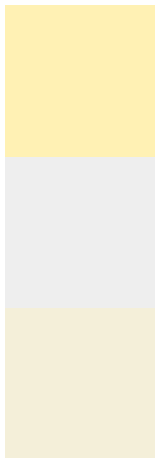
Original Color
95, 31.510, 97.763

Protanomaly
95, 27.146, 95.777

Deuteranomaly
95, 16.955, 88.183

Tritanomaly
95, 9.740, 66.902

Monochromacy



Original Color
95, 31.510, 97.763

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 11.405, 100.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 31.510, 97.763 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, 241, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 180)  
}
```

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, 241, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 31.510, 97.763 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, 241, 180) }
```

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

```
.border{ border-color:rgb(255, 241, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 31.510, 97.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 180) }
```

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

```
.background{ background-color: rgb(255,  
241, 180) }
```

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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