

Converting Colors

CIELCh(74, 26.887, 31.901)

Have a look what the booklet for
CIELCh(74, 26.887, 31.901) contains.

CIELCh(74, 26.851, 31.891)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 26.851, 31.891)

Conversions

Conversions Part 1

Format	Color
Hex	E7A69D
RGB	231, 166, 157
RGB Percent	91%, 65%, 62%
CMY	0.0941, 0.3489, 0.3843
CMYK	0.00, 0.28, 0.32, 0.09
HSL	7°, 61%, 76%
HSV	7°, 32%, 91%
XYZ	52.6859, 46.7039, 38.1423
YIQ	184.4090, 41.6290, 10.9810

Conversions

Conversions Part 2

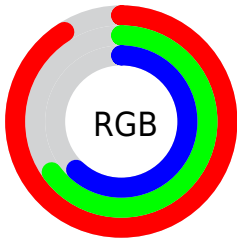
Format	Color
R _Y B	231, 167, 157
Decimal	15181469
CIE Lab	74.00, 22.80, 14.19
CIE LCh	74, 26.851, 31.891
Yxy	46.7039, 0.3831, 0.3396
Android (android.graphics.Color)	4293371549 (0xFFE7A69D)
YUV	184.4090, -13.5126, 40.8603
Hunter-Lab	68.3403, 18.0164, 14.7471

Details

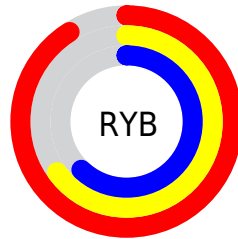
The CIELCh color **74, 26.851, 31.891** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **85, 21.300, 211.014**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.548, 40.177**, and **54, 26.778, 32.013** is the 20% darker color. If you saturate the color by 10%, you get **69, 36.690, 32.670**, and if you desaturate by 10%, it is **79, 17.712, 31.359**.

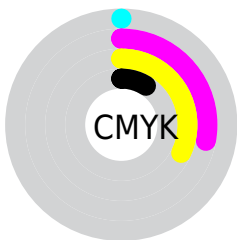
Distribution



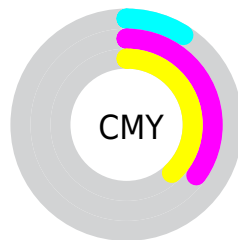
- Red (91%)
- Green (65%)
- Blue (62%)



- Red (91%)
- Yellow (65%)
- Blue (62%)



- Cyan (0%)
- Magenta (28%)
- Yellow (32%)
- Black (9%)



- Cyan (9%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 26.851, 31.891 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 74, 26.851, 31.891 by changing the saturation by 10% instead.

74, 26.851, 31.891

74, 26.851, 31.891

100, 26.851,
31.891

64, 26.851, 31.891

94, 26.851, 31.891

54, 26.851, 31.891

44, 26.851, 31.891

34, 26.851, 31.891

24, 26.851, 31.891

14, 26.851, 31.891

4, 26.851, 31.891

0, 26.851, 31.891

74, 26.851, 31.891

74, 26.851, 31.891

69, 36.690, 32.670

79, 17.712, 31.359

64, 47.184, 33.741

85, 9.276, 30.989

60, 58.190, 35.163

90, 1.503, 30.448

56, 69.430, 36.934

96, 5.663, 210.879

53, 80.343, 38.904

98, 8.183, 198.969

51, 89.694, 40.554

49, 95.023, 41.331

Harmonies

Complementary

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



74, 26.851, 31.891



85, 21.300, 211.014

Rectangle

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



74, 26.851, 31.891



74, 26.851, 81.891



74, 26.851, 211.891



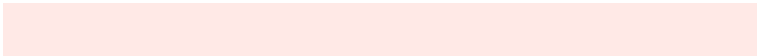
74, 26.851, 261.891

Sweetspot

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



74, 26.849, 31.897



94, 8.283, 30.926



74, 43.578, 329.686



49, 5.685, 30.971



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 26.849, 31.897



78, 35.390, 32.342



83, 26.676, 82.695



45, 4.309, 30.907



38, 78.026, 41.602



8, 24.884, 28.371

Inverse Universe

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



85, 21.300, 211.014



91, 26.645, 211.207



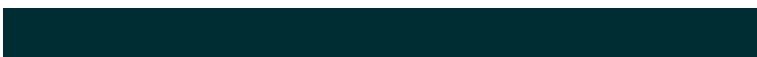
75, 25.920, 272.101



47, 4.052, 210.845



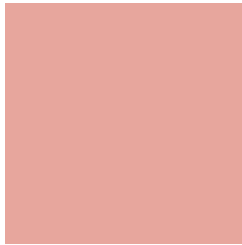
59, 33.686, 218.578



16, 14.303, 214.735

Previews

White Background



This preview shows how the CIELCh color 74, 26.851, 31.891 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 CIE LCh color 74, 26.851, 31.891 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 74, 26.851, 31.891

Background



This preview shows how black text looks on a background with the CIELCh color 74, 26.851, 31.891.

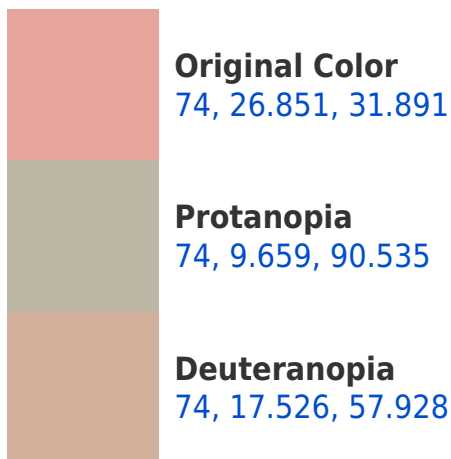



This preview shows how white text looks on a background with the CIELCh color 74, 26.851, 31.891.

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
74, 27.950, 7.702

Trichromacy



Original Color
74, 26.851, 31.891

Protanomaly
74, 13.786, 53.168

Deuteranomaly
74, 20.230, 45.735

Tritanomaly
74, 26.893, 16.206

Monochromacy



Original Color
74, 26.851, 31.891

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 9.378, 29.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 26.851, 31.891 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(231, 166, 157)` looks like.

```
.text, #text, p{  
    color:rgb(231, 166, 157)  
}
```

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(231, 166, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 166, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 26.851, 31.891 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(231, 166, 157) }
```

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

```
.border{ border-color:rgb(231, 166, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 166, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 166, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 166, 157);  
box-shadow:4px 4px 4px 4px rgb(231, 166,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 26.851, 31.891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 166, 157) }
```

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

```
.background{ background-color: rgb(231,  
166, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor