

Converting Colors

CIELCh(74, 30.484, 36.197)

Have a look what the booklet for
CIELCh(74, 30.484, 36.197) contains.

CIELCh(74, 30.723, 35.852)	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, 30.723, 35.852)

Conversions

Conversions Part 1

Format	Color
Hex	ECA496
RGB	236, 164, 150
RGB Percent	93%, 64%, 59%
CMY	0.0736, 0.3560, 0.4110
CMYK	0.00, 0.30, 0.36, 0.07
HSL	10°, 70%, 76%
HSV	10°, 36%, 93%
XYZ	53.4997, 46.7039, 35.1338
YIQ	183.9320, 47.4060, 10.9100

Conversions

Conversions Part 2

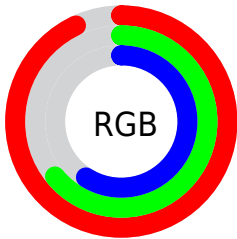
Format	Color
R _{YB}	236, 167, 150
Decimal	15508630
CIE _{Lab}	74.00, 24.90, 17.99
CIE _{LCh}	74, 30.723, 35.852
Yxy	46.7039, 0.3953, 0.3451
Android (android.graphics.Color)	4293698710 (0xFFECA496)
YUV	183.9320, -16.7285, 45.6636
Hunter-Lab	68.3403, 20.1421, 17.3572

Details

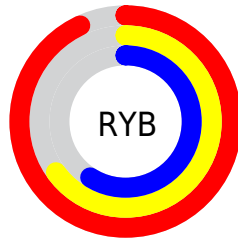
The CIELCh color **74, 30.723, 35.852** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84, 23.526, 216.414**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 15.737, 49.591**, and **54, 30.603, 36.418** is the 20% darker color. If you saturate the color by 10%, you get **69, 40.790, 36.470**, and if you desaturate by 10%, it is **79, 21.368, 35.470**.

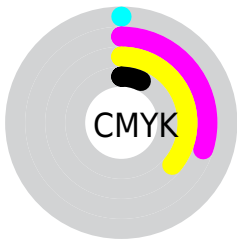
Distribution



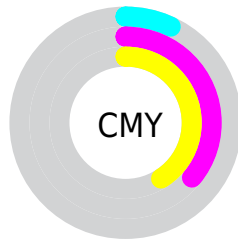
- Red (93%)
- Green (64%)
- Blue (59%)



- Red (93%)
- Yellow (65%)
- Blue (59%)



- Cyan (0%)
- Magenta (30%)
- Yellow (36%)
- Black (7%)



- Cyan (7%)
- Magenta (36%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 30.723, 35.852 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, 30.723, 35.852 by changing the saturation by 10% instead.

 74, 30.723, 35.852

 74, 30.723, 35.852

 100, 30.723,
35.852

 64, 30.723, 35.852

 94, 30.723, 35.852

 54, 30.723, 35.852

 44, 30.723, 35.852

 34, 30.723, 35.852

 24, 30.723, 35.852

 14, 30.723, 35.852

 4, 30.723, 35.852

 0, 30.723, 35.852

 74, 30.723, 35.852

 74, 30.723, 35.852

69, 40.790, 36.470

79, 21.368, 35.470

65, 51.513, 37.353

84, 12.730, 35.253

60, 62.725, 38.530

90, 4.771, 35.114

57, 74.065, 39.940

95, 2.562, 215.536

54, 84.739, 41.313

99, 6.439, 199.101

52, 93.058, 41.965

51, 95.456, 42.152

Harmonies

Complementary

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



74, 30.723, 35.852



84, 23.526, 216.414

Rectangle

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



74, 30.723, 35.852



74, 30.723, 85.852



74, 30.723, 215.852



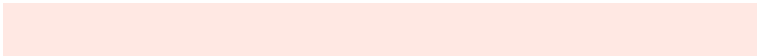
74, 30.723, 265.852

Sweetspot

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



74, 30.721, 35.857



94, 8.874, 35.182



73, 49.148, 331.092



49, 5.997, 35.199



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, 30.721, 35.857



75, 40.774, 36.311



84, 31.837, 84.974



46, 4.255, 35.162



39, 77.822, 42.497



9, 25.479, 31.953

Inverse Universe

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



84, 23.526, 216.414



89, 29.163, 216.986



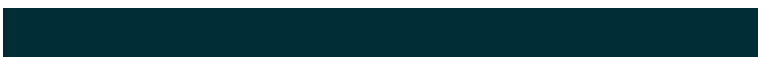
73, 31.353, 275.811



48, 4.004, 215.458



58, 33.667, 227.398



16, 14.472, 222.267

Previews

White Background



This preview shows how the CIELCh color 74, 30.723, 35.852 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, 30.723, 35.852 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, 30.723, 35.852

Background



This preview shows how black text looks on a background with the CIELCh color 74, 30.723, 35.852.

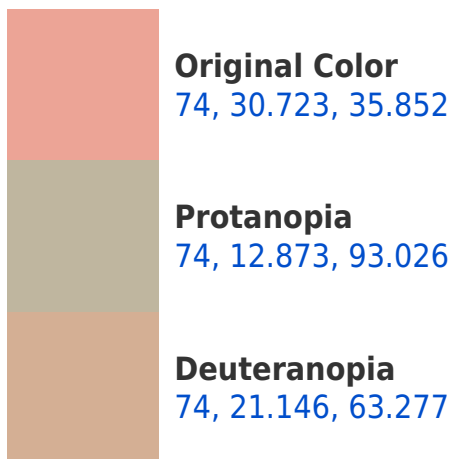


This preview shows how white text looks on a background with the CIELCh color 74, 30.723, 35.852.

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, 30.655, 10.328

Trichromacy



Original Color
74, 30.723, 35.852

Protanomaly
74, 16.545, 60.508

Deuteranomaly
74, 23.890, 50.254

Tritanomaly
74, 29.844, 19.105

Monochromacy



Original Color
74, 30.723, 35.852

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 10.426, 35.072

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 30.723, 35.852 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(236, 164, 150)` looks like.

```
.text, #text, p{  
    color:rgb(236, 164, 150)  
}
```

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(236, 164, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 164, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 30.723, 35.852 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(236, 164, 150) }
```

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

```
.border{ border-color:rgb(236, 164, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 164, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 164, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 164, 150);  
box-shadow:4px 4px 4px 4px rgb(236, 164,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 30.723, 35.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 164, 150) }
```

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

```
.background{ background-color: rgb(236,  
164, 150) }
```

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