

Converting Colors

CIELCh(74, 31.482, 40.056)

Have a look what the booklet for
CIELCh(74, 31.482, 40.056) contains.

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Color

CIELCh(74, 31.414, 40.452)

Conversions

Conversions Part 1

Format	Color
Hex	ECA592
RGB	236, 165, 146
RGB Percent	93%, 65%, 57%
CMY	0.0754, 0.3537, 0.4282
CMYK	0.00, 0.30, 0.38, 0.08
HSL	13°, 70%, 75%
HSV	13°, 38%, 92%
XYZ	53.1129, 46.7039, 33.3311
YIQ	184.0630, 48.4150, 9.1430

Conversions

Conversions Part 2

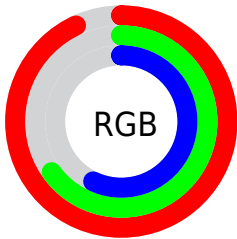
Format	Color
R _Y B	236, 170, 146
Decimal	15508882
CIE Lab	74.00, 23.90, 20.38
CIE LCh	74, 31.414, 40.452
Yxy	46.7039, 0.3989, 0.3508
Android (android.graphics.Color)	4293698962 (0xFFECA592)
YUV	184.0630, -18.7651, 45.5487
Hunter-Lab	68.3403, 19.1316, 18.9211

Details

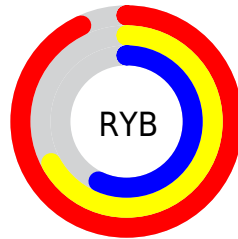
The CIELCh color **74, 31.414, 40.452** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83, 23.893, 223.133**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 16.951, 57.495**, and **54, 31.417, 41.192** is the 20% darker color. If you saturate the color by 10%, you get **69, 41.303, 40.763**, and if you desaturate by 10%, it is **79, 22.230, 40.340**.

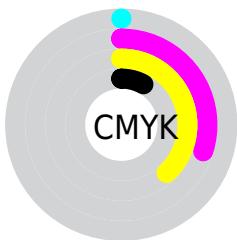
Distribution



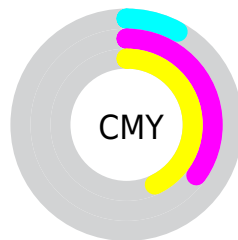
- Red (93%)
- Green (65%)
- Blue (57%)



- Red (93%)
- Yellow (67%)
- Blue (57%)



- Cyan (0%)
- Magenta (30%)
- Yellow (38%)
- Black (8%)



- Cyan (8%)
- Magenta (35%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 31.414, 40.452 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, 31.414, 40.452 by changing the saturation by 10% instead.

 74, 31.414, 40.452

 74, 31.414, 40.452

 100, 31.414,
40.452

 64, 31.414, 40.452

 94, 31.414, 40.452

 54, 31.414, 40.452

 44, 31.414, 40.452

 34, 31.414, 40.452

 24, 31.414, 40.452

 14, 31.414, 40.452

 4, 31.414, 40.452

 0, 31.414, 40.452

 74, 31.414, 40.452

 74, 31.414, 40.452

69, 41.303, 40.763

79, 22.230, 40.340

65, 51.849, 41.286

84, 13.748, 40.369

61, 62.885, 42.025

89, 5.927, 40.476

57, 74.020, 42.888

94, 1.288, 221.310

55, 84.364, 43.563

99, 6.588, 199.089

52, 92.278, 43.456

52, 93.565, 43.469

Harmonies

Complementary

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



74, 31.414, 40.452



83, 23.893, 223.133

Rectangle

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



74, 31.414, 40.452



74, 31.414, 90.452



74, 31.414, 220.452



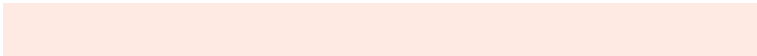
74, 31.414, 270.452

Sweetspot

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



74, 31.412, 40.457



94, 8.616, 40.446



72, 49.617, 333.034



49, 5.822, 40.430



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, 31.412, 40.457



76, 41.707, 40.686



85, 34.718, 88.785



46, 4.132, 40.464



40, 76.332, 43.893



9, 24.769, 34.908

Inverse Universe

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



83, 23.893, 223.133



87, 29.586, 224.088



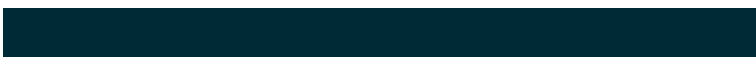
71, 35.026, 279.943



48, 3.897, 221.195



55, 34.183, 237.927



15, 14.444, 231.202

Previews

White Background



This preview shows how the CIELCh color 74, 31.414, 40.452 looks on a white background.

Color Contrast Check

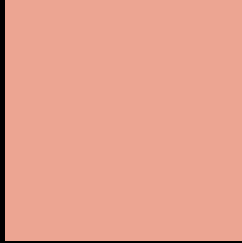
Large Text (above 18pt) WCAG AA × Fail

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 74, 31.414, 40.452 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, 31.414, 40.452

Background



This preview shows how black text looks on a background with the CIELCh color 74, 31.414, 40.452.



This preview shows how white text looks on a background with the CIELCh color 74, 31.414, 40.452.

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

74, 31.414, 40.452

Protanopia

74, 15.580, 93.949

Deuteranopia

74, 23.081, 66.022



Tritanopia
74, 30.655, 10.328

Trichromacy



Original Color
74, 31.414, 40.452

Protanomaly
74, 18.818, 65.419

Deuteranomaly
74, 25.212, 54.126

Tritanomaly
74, 29.957, 21.134

Monochromacy



Original Color
74, 31.414, 40.452

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 10.800, 40.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 31.414, 40.452 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, 165, 146)` looks like.

```
.text, #text, p{  
    color:rgb(236, 165, 146)  
}
```

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, 165, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 165, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 31.414, 40.452 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, 165, 146) }
```

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

```
.border{ border-color:rgb(236, 165, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 165, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 165, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 165, 146);  
box-shadow:4px 4px 4px 4px rgb(236, 165,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 31.414, 40.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 165, 146) }
```

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

```
.background{ background-color: rgb(236,  
165, 146) }
```

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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