

Converting Colors

CIELCh(75, 46.662, 35.468)

Have a look what the booklet for
CIELCh(75, 46.662, 35.468) contains.

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Color

CIELCh(74, 43.330, 36.318)

Conversions

Conversions Part 1

Format	Color
Hex	FF9C89
RGB	255, 156, 137
RGB Percent	100%, 61%, 54%
CMY	0.0011, 0.3892, 0.4636
CMYK	0.00, 0.39, 0.46, 0.00
HSL	10°, 100%, 77%
HSV	10°, 46%, 100%
XYZ	57.4868, 46.7039, 29.5648
YIQ	183.4350, 65.1030, 15.0790

Conversions

Conversions Part 2

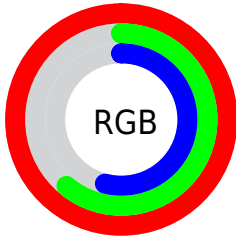
Format	Color
R_{YB}	255, 160, 137
Decimal	16751753
CIE _{Lab}	74.00, 34.91, 25.66
CIE _{LCh}	74, 43.330, 36.318
Yxy	46.7039, 0.4298, 0.3492
Android (android.graphics.Color)	4294941833 (0xFFFF9C89)
YUV	183.4350, -22.8925, 62.7625
Hunter-Lab	68.3403, 30.5561, 22.1886

Details

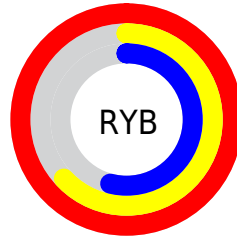
The CIELCh color **74, 43.330, 36.318** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 30.335, 216.935**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 20.372, 52.572**, and **54, 43.422, 36.057** is the 20% darker color. If you saturate the color by 10%, you get **69, 54.744, 37.228**, and if you desaturate by 10%, it is **79, 32.608, 35.693**.

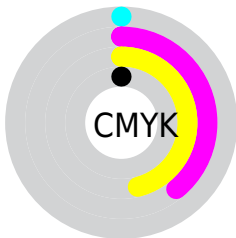
Distribution



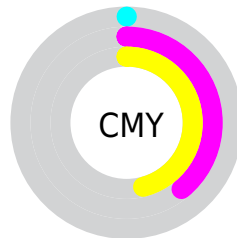
- Red (100%)
- Green (61%)
- Blue (54%)



- Red (100%)
- Yellow (63%)
- Blue (54%)



- Cyan (0%)
- Magenta (39%)
- Yellow (46%)
- Black (0%)



- Cyan (0%)
- Magenta (39%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 43.330, 36.318 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, 43.330, 36.318 by changing the saturation by 10% instead.

 74, 43.330, 36.318

 74, 43.330, 36.318

 100, 43.330,
36.318

 64, 43.330, 36.318

 94, 43.330, 36.318

 54, 43.330, 36.318

 44, 43.330, 36.318

 34, 43.330, 36.318

 24, 43.330, 36.318

 14, 43.330, 36.318

 4, 43.330, 36.318

 0, 43.330, 36.318

 74, 43.330, 36.318

 74, 43.330, 36.318

69, 54.744, 37.228

79, 32.608, 35.693

65, 66.676, 38.431

85, 22.651, 35.293

61, 78.732, 39.871

90, 13.458, 35.065

58, 90.045, 41.267

96, 4.991, 34.916

56, 98.770, 41.906

100, 0.094,
206.462

55, 101.242,
42.031

Harmonies

Complementary

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



74, 43.330, 36.318



88, 30.335, 216.935

Rectangle

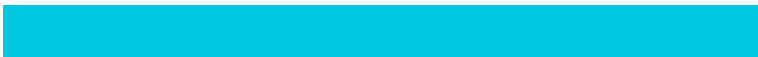
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 43.330, 36.318



74, 43.330, 86.318



74, 43.330, 216.318



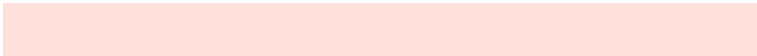
74, 43.330, 266.318

Sweetspot

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



74, 43.328, 36.322



92, 11.452, 35.030



73, 65.520, 331.739



48, 7.978, 35.063



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, 43.328, 36.322



69, 54.432, 37.196



87, 43.414, 83.553



50, 4.564, 34.970



41, 81.207, 42.372



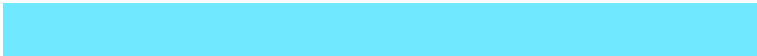
11, 30.549, 35.084

Inverse Universe

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



88, 30.335, 216.935



86, 34.748, 217.955



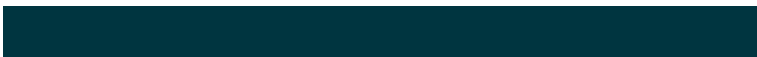
72, 42.700, 278.188



52, 4.292, 215.248



61, 35.068, 227.137



20, 16.179, 222.944

Previews

White Background



This preview shows how the CIELCh color 74, 43.330, 36.318 looks on a white background.

Color Contrast Check

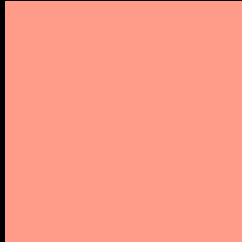
Large Text (above 18pt) WCAG AA × Fail

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, 43.330, 36.318 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, 43.330, 36.318

Background



This preview shows how black text looks on a background with the CIELCh color 74, 43.330, 36.318.



This preview shows how white text looks on a background with the CIELCh color 74, 43.330, 36.318.

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, 43.330, 36.318

Protanopia

74, 18.288, 94.496

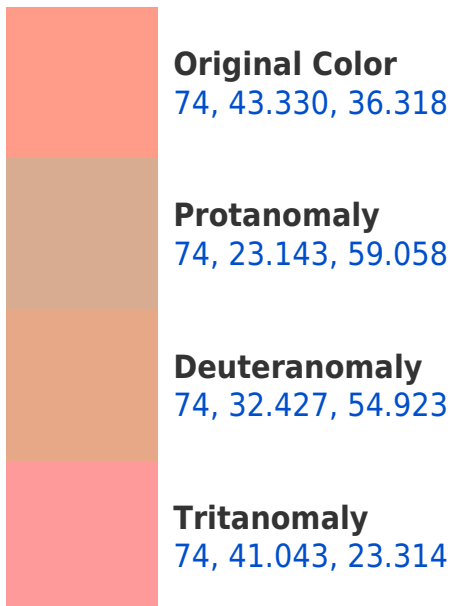
Deuteranopia

74, 28.694, 71.237

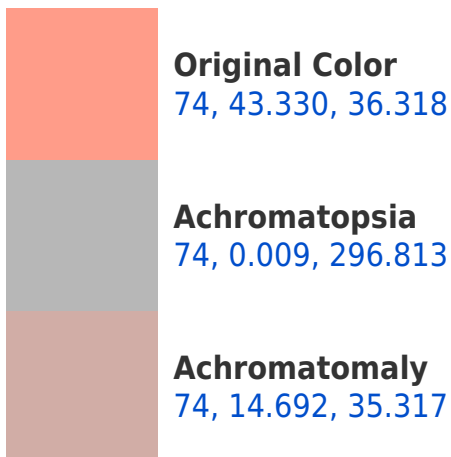


Tritanopia
74, 40.781, 15.290

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 43.330, 36.318 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, 156, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 137)  
}
```

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, 156, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 43.330, 36.318 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, 156, 137) }
```

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

```
.border{ border-color:rgb(255, 156, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 43.330, 36.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 137) }
```

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

```
.background{ background-color: rgb(255,  
156, 137) }
```

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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