

Converting Colors

CIELCh(78, 58.641, 33.566)

Have a look what the booklet for
CIELCh(78, 58.641, 33.566) contains.

CIELCh(74, 44.054, 35.536)	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, 44.054, 35.536)

Conversions

Conversions Part 1

Format	Color
Hex	FF9B89
RGB	255, 155, 137
RGB Percent	100%, 61%, 54%
CMY	0.0000, 0.3923, 0.4630
CMYK	0.00, 0.39, 0.46, 0.00
HSL	9°, 100%, 77%
HSV	9°, 46%, 100%
XYZ	57.8695, 46.7039, 29.6046
YIQ	182.8480, 65.3780, 15.6020

Conversions

Conversions Part 2

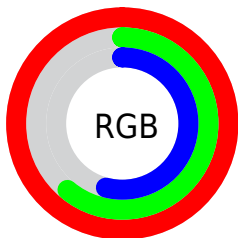
Format	Color
RYB	255, 158, 137
Decimal	16751497
CIELab	74.00, 35.85, 25.60
CIElCh	74, 44.054, 35.536
Yxy	46.7039, 0.4313, 0.3481
Android (android.graphics.Color)	4294941577 (0xFFFF9B89)
YUV	182.8480, -22.6031, 63.2773
Hunter-Lab	68.3403, 31.5556, 22.1541

Details

The CIELCh color **74, 44.054, 35.536** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 30.501, 215.795**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 20.429, 50.840**, and **54, 43.688, 35.361** is the 20% darker color. If you saturate the color by 10%, you get **69, 55.073, 36.610**, and if you desaturate by 10%, it is **79, 32.817, 34.949**.

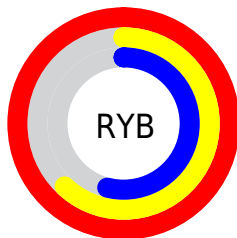
Distribution



Red (100%)

Green (61%)

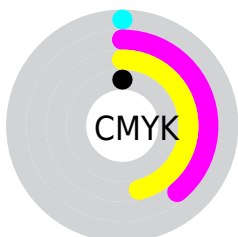
Blue (54%)



Red (100%)

Yellow (62%)

Blue (54%)

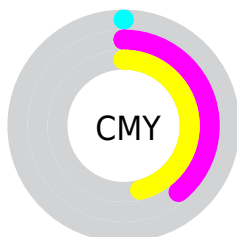


Cyan (0%)

Magenta (39%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 44.054, 35.536 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, 44.054, 35.536 by changing the saturation by 10% instead.

 74, 44.054, 35.536

 74, 44.054, 35.536

 100, 44.054,
35.536

 64, 44.054, 35.536

 94, 44.054, 35.536

 54, 44.054, 35.536

 44, 44.054, 35.536

 34, 44.054, 35.536

 24, 44.054, 35.536

 14, 44.054, 35.536

 4, 44.054, 35.536

 0, 44.054, 35.536

 74, 44.054, 35.536

 74, 44.054, 35.536

69, 55.073, 36.610

79, 32.817, 34.949

65, 67.050, 37.895

85, 22.797, 34.499

61, 79.133, 39.432

90, 13.543, 34.227

58, 90.453, 40.938

96, 5.020, 34.038

55, 99.148, 41.686

100, 0.012,
296.813

55, 101.598,
41.849

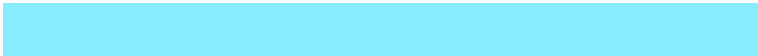
Harmonies

Complementary

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



74, 44.054, 35.536



88, 30.501, 215.795

Rectangle

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



74, 44.054, 35.536



74, 44.054, 85.536



74, 44.054, 215.536



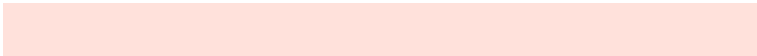
74, 44.054, 265.536

Sweetspot

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



74, 43.600, 35.636



92, 11.518, 34.183



73, 65.569, 331.738



48, 8.025, 34.224



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, 43.600, 35.636



69, 54.718, 36.576



87, 43.447, 83.554



50, 4.590, 34.104



41, 81.438, 42.176



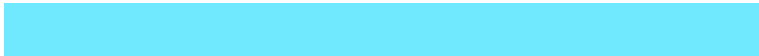
11, 30.667, 34.679

Inverse Universe

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



88, 30.501, 215.795



87, 34.898, 216.737



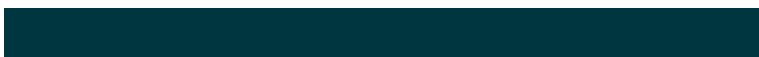
73, 42.732, 278.187



52, 4.316, 214.309



61, 35.090, 225.352



20, 16.217, 221.400

Previews

White Background



This preview shows how the CIELCh color 74, 44.054, 35.536 looks on a white background.

Color Contrast Check

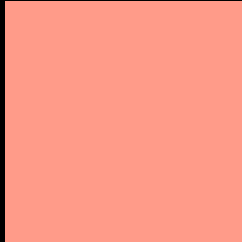
Large Text (above 18pt) WCAG AA × Fail

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, 44.054, 35.536 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, 44.054, 35.536

Background



This preview shows how black text looks on a background with the CIELCh color 74, 44.054, 35.536.

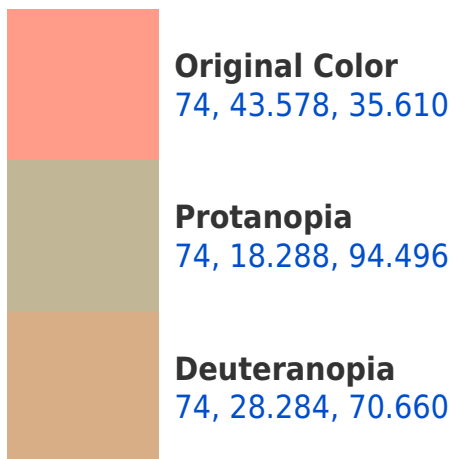


This preview shows how white text looks on a background with the CIELCh color 74, 44.054, 35.536.

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, 41.222, 15.441

Trichromacy



Original Color
74, 43.578, 35.610

Protanomaly
74, 23.474, 58.432

Deuteranomaly
74, 32.479, 53.829

Tritanomaly
74, 41.401, 22.656

Monochromacy



Original Color
74, 43.578, 35.610

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 14.692, 35.317

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 44.054, 35.536 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, 155, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 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, 155, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 44.054, 35.536 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, 155, 137) }
```

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

```
.border{ border-color:rgb(255, 155, 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, 155, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 155, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 155, 137); box-shadow:4px 4px 4px 4px rgb(255, 155, 137) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 44.054, 35.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 137) }
```

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

```
.background{ background-color: rgb(255,  
155, 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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