

Converting Colors

CIELCh(93, 96.301, 33.865)

Have a look what the booklet for
CIELCh(93, 96.301, 33.865) contains.

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Color

CIELCh(75, 42.626, 38.499)

Conversions

Conversions Part 1

Format	Color
Hex	FFA08A
RGB	255, 160, 138
RGB Percent	100%, 63%, 54%
CMY	0.0000, 0.3737, 0.4601
CMYK	0.00, 0.37, 0.46, 0.00
HSL	11°, 100%, 77%
HSV	11°, 46%, 100%
XYZ	58.6188, 48.2781, 30.1524
YIQ	185.8970, 63.6820, 13.2980

Conversions

Conversions Part 2

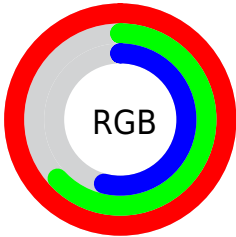
Format	Color
R _Y B	255, 165, 138
Decimal	16752778
CIE Lab	75.00, 33.36, 26.53
CIE LCh	75, 42.626, 38.499
Yxy	48.2781, 0.4277, 0.3523
Android (android.graphics.Color)	4294942858 (0xFFFFA08A)
YUV	185.8970, -23.6132, 60.6033
Hunter-Lab	69.4824, 28.9972, 22.9084

Details

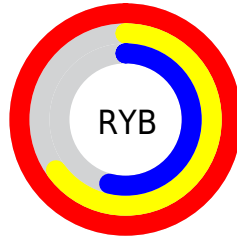
The CIELCh color **75, 42.626, 38.499** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 29.825, 220.700**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 19.650, 59.203**, and **55, 42.140, 38.298** is the 20% darker color. If you saturate the color by 10%, you get **70, 53.548, 39.279**, and if you desaturate by 10%, it is **80, 31.762, 38.173**.

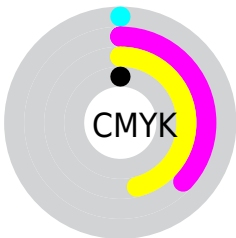
Distribution



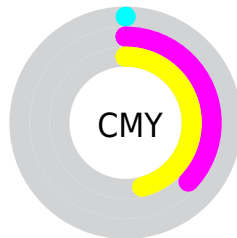
- Red (100%)
- Green (63%)
- Blue (54%)



- Red (100%)
- Yellow (65%)
- Blue (54%)



- Cyan (0%)
- Magenta (37%)
- Yellow (46%)
- Black (0%)



- Cyan (0%)
- Magenta (37%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 42.626, 38.499 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 75, 42.626, 38.499 by changing the saturation by 10% instead.

75, 42.626, 38.499

75, 42.626, 38.499

100, 42.626,
38.499

65, 42.626, 38.499

95, 42.626, 38.499

55, 42.626, 38.499

45, 42.626, 38.499

35, 42.626, 38.499

25, 42.626, 38.499

15, 42.626, 38.499

5, 42.626, 38.499

0, 42.626, 38.499

75, 42.626, 38.499

75, 42.626, 38.499

70, 53.548, 39.279

80, 31.762, 38.173

66, 65.353, 40.211

85, 21.991, 37.943

62, 77.345, 41.335

91, 12.976, 37.866

59, 88.688, 42.387

97, 4.670, 37.847

56, 97.609, 42.706

100, 0.012,
296.813

55, 100.357,
42.694

Harmonies

Complementary

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



75, 42.626, 38.499



87, 29.825, 220.700

Rectangle

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



75, 42.626, 38.499



75, 42.626, 88.499



75, 42.626, 218.499



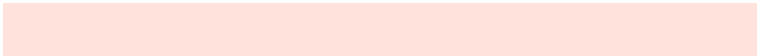
75, 42.626, 268.499

Sweetspot

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



75, 42.298, 38.605



92, 11.253, 37.864



73, 63.738, 332.962



48, 7.839, 37.867



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 42.298, 38.605



71, 52.385, 39.200



89, 44.198, 86.354



50, 4.485, 37.863



42, 80.392, 43.083



12, 30.159, 36.488

Inverse Universe

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



87, 29.825, 220.700



85, 33.947, 221.862



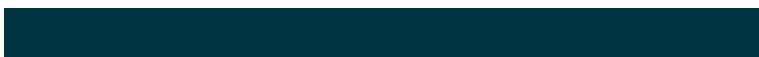
72, 44.399, 280.620



52, 4.222, 218.385



59, 35.217, 233.003



19, 16.134, 228.054

Previews

White Background



This preview shows how the CIELCh color 75, 42.626, 38.499 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 75, 42.626, 38.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

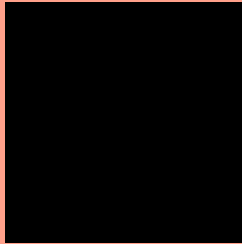
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 42.626, 38.499

Background



This preview shows how black text looks on a background with the CIELCh color 75, 42.626, 38.499.

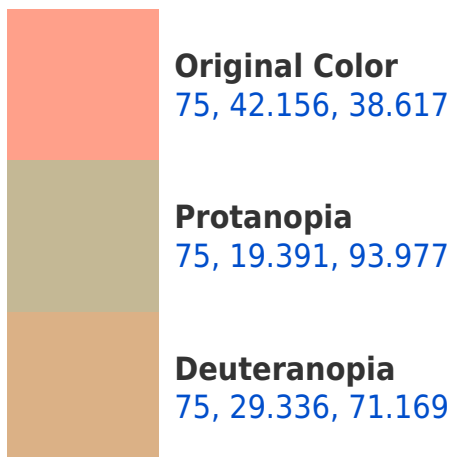


This preview shows how white text looks on a background with the CIELCh color 75, 42.626, 38.499.

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
75, 39.026, 14.676

Trichromacy



Original Color
75, 42.156, 38.617

Protanomaly
74, 23.887, 62.394

Deuteranomaly
75, 32.662, 56.704

Tritanomaly
75, 39.310, 23.824

Monochromacy



Original Color
75, 42.156, 38.617

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 14.432, 37.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 42.626, 38.499 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, 160, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 138)  
}
```

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, 160, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 42.626, 38.499 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, 160, 138) }
```

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

```
.border{ border-color:rgb(255, 160, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 160, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 160, 138); box-shadow:4px 4px 4px 4px rgb(255, 160, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 42.626, 38.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 138) }
```

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

```
.background{ background-color: rgb(255,  
160, 138) }
```

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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