

Converting Colors

CIELCh(75, 33.333, 37.911)

Have a look what the booklet for
CIELCh(75, 33.333, 37.911) contains.

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Color

CIELCh(75, 33.546, 38.432)

Conversions

Conversions Part 1

Format	Color
Hex	F3A694
RGB	243, 166, 148
RGB Percent	95%, 65%, 58%
CMY	0.0484, 0.3502, 0.4208
CMYK	0.00, 0.32, 0.39, 0.05
HSL	11°, 79%, 77%
HSV	11°, 39%, 95%
XYZ	55.7411, 48.2781, 34.2702
YIQ	186.9710, 51.6700, 10.7260

Conversions

Conversions Part 2

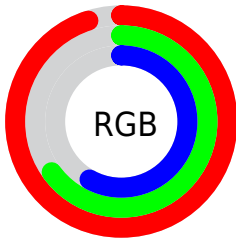
Format	Color
R _Y B	243, 170, 148
Decimal	15967892
CIE Lab	75.00, 26.28, 20.85
CIE LCh	75, 33.546, 38.432
Yxy	48.2781, 0.4031, 0.3491
Android (android.graphics.Color)	4294157972 (0xFFFF3A694)
YUV	186.9710, -19.2127, 49.1374
Hunter-Lab	69.4824, 21.6043, 19.3947

Details

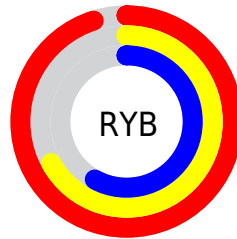
The CIELCh color **75, 33.546, 38.432** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85, 25.175, 220.226**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 16.287, 56.966**, and **55, 33.912, 38.119** is the 20% darker color. If you saturate the color by 10%, you get **70, 43.870, 38.925**, and if you desaturate by 10%, it is **80, 23.945, 38.163**.

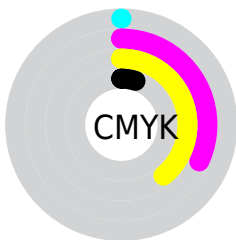
Distribution



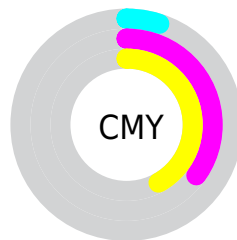
- Red (95%)
- Green (65%)
- Blue (58%)



- Red (95%)
- Yellow (67%)
- Blue (58%)



- Cyan (0%)
- Magenta (32%)
- Yellow (39%)
- Black (5%)



- Cyan (5%)
- Magenta (35%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 33.546, 38.432 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, 33.546, 38.432 by changing the saturation by 10% instead.

 75, 33.546, 38.432

 75, 33.546, 38.432

 100, 33.546,
38.432

 65, 33.546, 38.432

 95, 33.546, 38.432

 55, 33.546, 38.432

 45, 33.546, 38.432

 35, 33.546, 38.432

 25, 33.546, 38.432

 15, 33.546, 38.432

 5, 33.546, 38.432

 0, 33.546, 38.432

 75, 33.546, 38.432

 75, 33.546, 38.432

70, 43.870, 38.925

80, 23.945, 38.163

66, 54.848, 39.660

85, 15.076, 38.055

62, 66.283, 40.641

91, 6.902, 38.049

58, 77.728, 41.762

96, 0.632, 219.286

55, 88.173, 42.666

99, 4.261, 199.291

53, 95.911, 42.767

53, 96.512, 42.799

Harmonies

Complementary

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



75, 33.546, 38.432



85, 25.175, 220.226

Rectangle

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



75, 33.546, 38.432



75, 33.546, 88.432



75, 33.546, 218.432



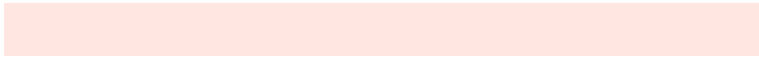
75, 33.546, 268.432

Sweetspot

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



75, 33.544, 38.437



93, 9.555, 38.048



73, 52.617, 332.479



49, 6.373, 38.047



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, 33.544, 38.437



74, 43.339, 38.808



86, 35.975, 87.330



48, 4.332, 38.049



41, 78.689, 43.175



10, 27.627, 35.218

Inverse Universe

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



85, 25.175, 220.226



87, 30.294, 221.059



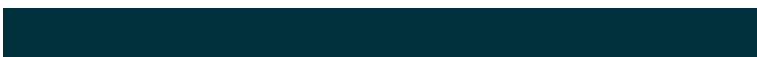
73, 36.022, 278.972



50, 4.080, 218.585



58, 34.531, 233.297



17, 15.281, 227.817

Previews

White Background



This preview shows how the CIELCh color 75, 33.546, 38.432 looks on a white background.

Color Contrast Check

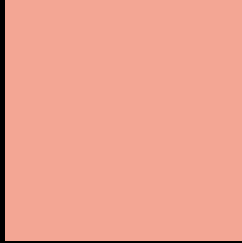
Large Text (above 18pt) WCAG AA × Fail

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, 33.546, 38.432 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, 33.546, 38.432

Background



This preview shows how black text looks on a background with the CIELCh color 75, 33.546, 38.432.



This preview shows how white text looks on a background with the CIELCh color 75, 33.546, 38.432.

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
75, 33.546, 38.432

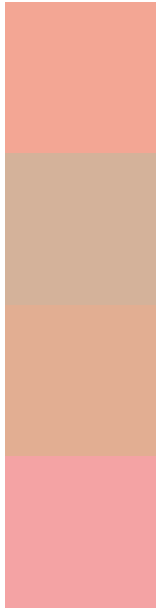
Protanopia
75, 15.532, 93.984

Deuteranopia
75, 23.835, 67.626



Tritanopia
75, 32.954, 11.435

Trichromacy



Original Color
75, 33.546, 38.432

Protanomaly
75, 18.965, 62.672

Deuteranomaly
75, 26.505, 54.913

Tritanomaly
75, 32.366, 21.425

Monochromacy



Original Color
75, 33.546, 38.432

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 11.333, 36.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 33.546, 38.432 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(243, 166, 148)` looks like.

```
.text, #text, p{  
    color:rgb(243, 166, 148)  
}
```

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(243, 166, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 166, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 33.546, 38.432 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(243, 166, 148) }
```

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

```
.border{ border-color:rgb(243, 166, 148) }
```

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

Here you see how a box with a 4 pixel rgb(243, 166, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 166, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 166, 148);  
box-shadow:4px 4px 4px 4px rgb(243, 166,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 33.546, 38.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 166, 148) }
```

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

```
.background{ background-color: rgb(243,  
166, 148) }
```

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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