

Converting Colors

CIELCh(75, 36.716, 42.211)

Have a look what the booklet for
CIELCh(75, 36.716, 42.211) contains.

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Color

CIELCh(75, 36.716, 42.211)

Conversions

Conversions Part 1

Format	Color
Hex	F6A58D
RGB	246, 165, 141
RGB Percent	96%, 65%, 55%
CMY	0.0364, 0.3539, 0.4480
CMYK	0.00, 0.33, 0.43, 0.04
HSL	14°, 85%, 76%
HSV	14°, 43%, 96%
XYZ	56.1081, 48.2781, 31.4662
YIQ	186.4830, 55.9800, 9.7080

Conversions

Conversions Part 2

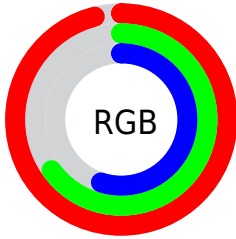
Format	Color
RYB	246, 172, 141
Decimal	16164237
CIELab	75.00, 27.19, 24.67
CIELCh	75, 36.716, 42.211
Yxy	48.2781, 0.4130, 0.3554
Android (android.graphics.Color)	4294354317 (0xFFFF6A58D)
YUV	186.4830, -22.4231, 52.1964
Hunter-Lab	69.4824, 22.5471, 21.7873

Details

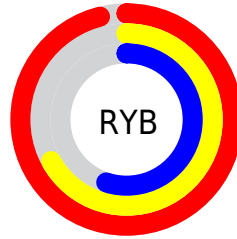
The CIELCh color **75, 36.716, 42.211** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84, 26.976, 226.181**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 18.749, 63.360**, and **55, 36.669, 41.534** is the 20% darker color. If you saturate the color by 10%, you get **70, 47.168, 42.486**, and if you desaturate by 10%, it is **80, 26.975, 42.133**.

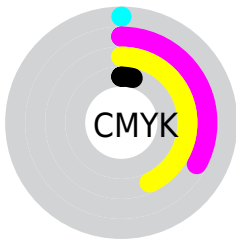
Distribution



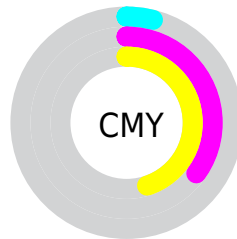
- Red (96%)
- Green (65%)
- Blue (55%)



- Red (96%)
- Yellow (67%)
- Blue (55%)



- Cyan (0%)
- Magenta (33%)
- Yellow (43%)
- Black (4%)



- Cyan (4%)
- Magenta (35%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 36.716, 42.211 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, 36.716, 42.211 by changing the saturation by 10% instead.

 75, 36.716, 42.211

 75, 36.716, 42.211

 100, 36.716,
42.211

 65, 36.716, 42.211

 95, 36.716, 42.211

 55, 36.716, 42.211

 45, 36.716, 42.211

 35, 36.716, 42.211

 25, 36.716, 42.211

 15, 36.716, 42.211

 5, 36.716, 42.211

 0, 36.716, 42.211

 75, 36.716, 42.211

 75, 36.716, 42.211

70, 47.168, 42.486

80, 26.975, 42.133

66, 58.244, 42.958

85, 17.964, 42.205

62, 69.688, 43.593

90, 9.649, 42.383

59, 80.906, 44.216

95, 1.978, 42.437

56, 90.582, 44.355

99, 3.209, 199.408

54, 95.872, 43.978

Harmonies

Complementary

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



75, 36.716, 42.211



84, 26.976, 226.181

Rectangle

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



75, 36.716, 42.211



75, 36.716, 92.211



75, 36.716, 222.211



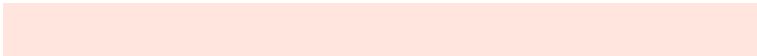
75, 36.716, 272.211

Sweetspot

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



75, 36.714, 42.216



93, 10.178, 42.377



72, 56.463, 334.019



48, 7.187, 42.332



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, 36.714, 42.216



74, 46.727, 42.429



87, 40.817, 89.431



48, 4.243, 42.449



41, 77.369, 44.436



11, 27.061, 37.623

Inverse Universe

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



84, 26.976, 226.181



85, 31.883, 227.456



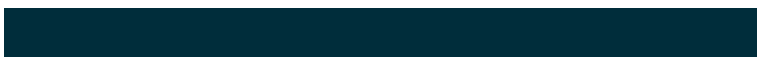
70, 41.652, 282.131



50, 4.005, 223.341



55, 35.366, 241.773



17, 15.409, 235.239

Previews

White Background



This preview shows how the CIELCh color 75, 36.716, 42.211 looks on a white background.

Color Contrast Check

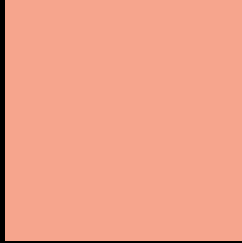
Large Text (above 18pt) WCAG AA × Fail

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, 36.716, 42.211 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, 36.716, 42.211

Background



This preview shows how black text looks on a background with the CIELCh color 75, 36.716, 42.211.

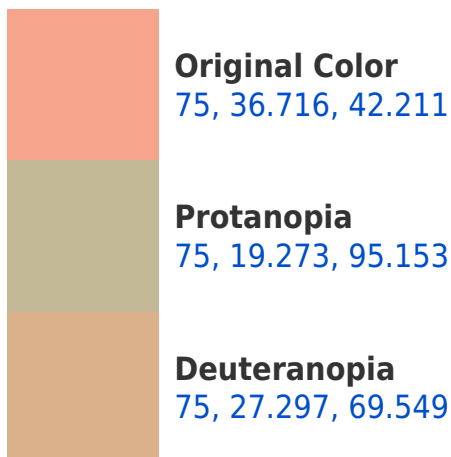


This preview shows how white text looks on a background with the CIELCh color 75, 36.716, 42.211.

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](#).

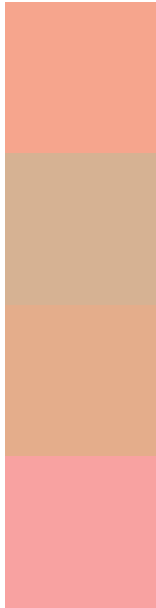
Dichromacy





Tritanopia
75, 35.369, 12.487

Trichromacy



Original Color
75, 36.716, 42.211

Protanomaly
75, 22.419, 67.587

Deuteranomaly
75, 29.760, 58.088

Tritanomaly
75, 34.619, 23.427

Monochromacy



Original Color
75, 36.716, 42.211

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 12.495, 40.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 36.716, 42.211 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(246, 165, 141)` looks like.

```
.text, #text, p{  
    color:rgb(246, 165, 141)  
}
```

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(246, 165, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 165, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 36.716, 42.211 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(246, 165, 141) }
```

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

```
.border{ border-color:rgb(246, 165, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 165, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 165, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 165, 141);  
box-shadow:4px 4px 4px 4px rgb(246, 165,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 36.716, 42.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 165, 141) }
```

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

```
.background{ background-color: rgb(246,  
165, 141) }
```

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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