

Converting Colors

CIELCh(77, 33.392, 34.774)

Have a look what the booklet for
CIELCh(77, 33.392, 34.774) contains.

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Color

CIELCh(77, 33.717, 34.675)

Conversions

Conversions Part 1

Format	Color
Hex	FAAA9C
RGB	250, 170, 156
RGB Percent	98%, 67%, 61%
CMY	0.0192, 0.3329, 0.3879
CMYK	0.00, 0.32, 0.38, 0.02
HSL	9°, 91%, 80%
HSV	9°, 38%, 98%
XYZ	59.8627, 51.5317, 38.2850
YIQ	192.3240, 52.1740, 12.6060

Conversions

Conversions Part 2

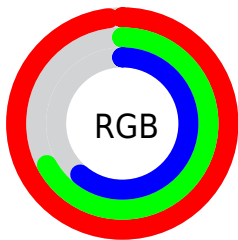
Format	Color
R _Y B	250, 172, 156
Decimal	16427676
CIE Lab	77.00, 27.73, 19.18
CIE LCh	77, 33.717, 34.675
Yxy	51.5317, 0.3999, 0.3443
Android (android.graphics.Color)	4294617756 (0xFFFAAA9C)
YUV	192.3240, -17.9077, 50.5819
Hunter-Lab	71.7856, 23.2281, 18.6292

Details

The CIELCh color **77, 33.717, 34.675** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 25.506, 214.677**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 13.352, 55.196**, and **57, 33.567, 34.360** is the 20% darker color. If you saturate the color by 10%, you get **72, 44.445, 35.427**, and if you desaturate by 10%, it is **82, 23.730, 34.180**.

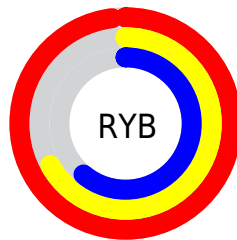
Distribution



Red (98%)

Green (67%)

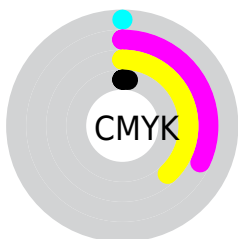
Blue (61%)



Red (98%)

Yellow (67%)

Blue (61%)

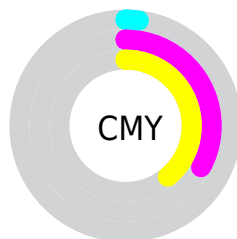


Cyan (0%)

Magenta (32%)

Yellow (38%)

Black (2%)



Cyan (2%)

Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 33.717, 34.675 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 77, 33.717, 34.675 by changing the saturation by 10% instead.

77, 33.717, 34.675

77, 33.717, 34.675

100, 33.717,
34.675

67, 33.717, 34.675

97, 33.717, 34.675

57, 33.717, 34.675

47, 33.717, 34.675

37, 33.717, 34.675

27, 33.717, 34.675

17, 33.717, 34.675

7, 33.717, 34.675

0, 33.717, 34.675

77, 33.717, 34.675

77, 33.717, 34.675

72, 44.445, 35.427

82, 23.730, 34.180

67, 55.834, 36.470

88, 14.501, 33.868

63, 67.678, 37.830

94, 5.999, 33.663

59, 79.547, 39.429

100, 1.699,
199.687

56, 90.496, 40.943

54, 98.620, 41.628

54, 100.210,
41.786

Harmonies

Complementary

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



77, 33.717, 34.675



89, 25.506, 214.677

Rectangle

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



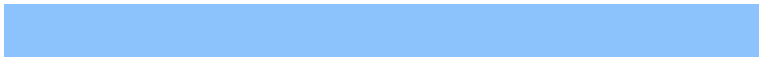
77, 33.717, 34.675



77, 33.717, 84.675



77, 33.717, 214.675



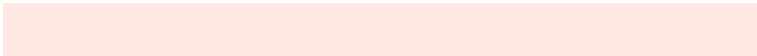
77, 33.717, 264.675

Sweetspot

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



77, 33.715, 34.680



93, 8.961, 33.732



76, 53.675, 330.596



49, 6.056, 33.758



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 33.715, 34.680



74, 42.266, 35.211



88, 34.037, 83.367



49, 4.527, 33.703



41, 80.711, 42.105



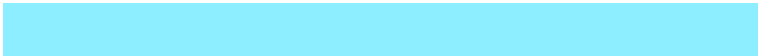
11, 29.476, 33.780

Inverse Universe

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



89, 25.506, 214.677



89, 29.916, 215.167



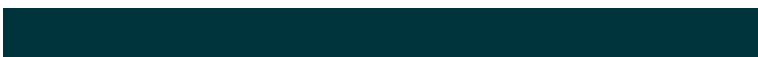
77, 33.214, 274.742



51, 4.257, 213.875



61, 34.762, 224.493



19, 15.817, 220.476

Previews

White Background



This preview shows how the CIELCh color 77, 33.717, 34.675 looks on a white background.

Color Contrast Check

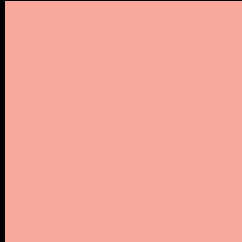
Large Text (above 18pt) WCAG AA × Fail

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 77, 33.717, 34.675 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 77, 33.717, 34.675

Background



This preview shows how black text looks on a background with the CIELCh color 77, 33.717, 34.675.



This preview shows how white text looks on a background with the CIELCh color 77, 33.717, 34.675.

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

77, 33.717, 34.675

Protanopia

77, 13.394, 92.037

Deuteranopia

77, 22.331, 63.726



Tritanopia
77, 33.553, 11.680

Trichromacy



Original Color
77, 33.717, 34.675

Protanomaly
77, 18.030, 58.460

Deuteranomaly
77, 25.433, 49.482

Tritanomaly
77, 32.854, 19.613

Monochromacy



Original Color
77, 33.717, 34.675

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 11.483, 33.631

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 33.717, 34.675 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(250, 170, 156)` looks like.

```
.text, #text, p{  
    color:rgb(250, 170, 156)  
}
```

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(250, 170, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 170, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 33.717, 34.675 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(250, 170, 156) }
```

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

```
.border{ border-color:rgb(250, 170, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 170, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 170, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 170, 156);  
box-shadow:4px 4px 4px 4px rgb(250, 170,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 33.717, 34.675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 170, 156) }
```

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

```
.background{ background-color: rgb(250,  
170, 156) }
```

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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