

Converting Colors

CIELCh(77, 33.751, 36.617)

Have a look what the booklet for
CIELCh(77, 33.751, 36.617) contains.

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Color

CIELCh(77, 33.894, 37.260)

Conversions

Conversions Part 1

Format	Color
Hex	FAAB9A
RGB	250, 171, 154
RGB Percent	98%, 67%, 60%
CMY	0.0214, 0.3310, 0.3976
CMYK	0.00, 0.32, 0.38, 0.02
HSL	11°, 90%, 79%
HSV	11°, 38%, 98%
XYZ	59.5480, 51.5317, 37.2064
YIQ	192.6830, 52.5410, 11.4610

Conversions

Conversions Part 2

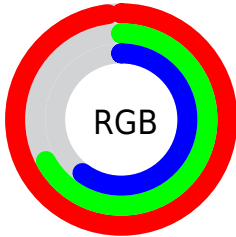
Format	Color
R _Y B	250, 175, 154
Decimal	16427930
CIE Lab	77.00, 26.98, 20.52
CIE LCh	77, 33.894, 37.260
Yxy	51.5317, 0.4016, 0.3475
Android (android.graphics.Color)	4294618010 (0xFFFAAB9A)
YUV	192.6830, -19.0707, 50.2670
Hunter-Lab	71.7856, 22.4454, 19.5200

Details

The CIELCh color **77, 33.894, 37.260** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 25.523, 218.475**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 14.411, 62.468**, and **57, 33.771, 37.051** is the 20% darker color. If you saturate the color by 10%, you get **72, 44.486, 37.830**, and if you desaturate by 10%, it is **82, 24.043, 36.923**.

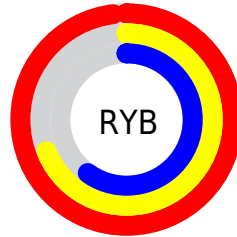
Distribution



Red (98%)

Green (67%)

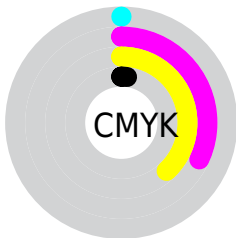
Blue (60%)



Red (98%)

Yellow (69%)

Blue (60%)

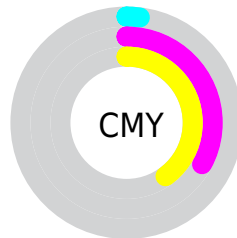


Cyan (0%)

Magenta (32%)

Yellow (38%)

Black (2%)



Cyan (2%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 33.894, 37.260 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, 33.894, 37.260 by changing the saturation by 10% instead.

77, 33.894, 37.260

77, 33.894, 37.260

100, 33.894,
37.260

67, 33.894, 37.260

97, 33.894, 37.260

57, 33.894, 37.260

47, 33.894, 37.260

37, 33.894, 37.260

27, 33.894, 37.260

17, 33.894, 37.260

7, 33.894, 37.260

0, 33.894, 37.260

77, 33.894, 37.260

77, 33.894, 37.260

72, 44.486, 37.830

82, 24.043, 36.923

67, 55.751, 38.658

88, 14.945, 36.755

63, 67.486, 39.753

93, 6.563, 36.688

59, 79.250, 41.022

99, 1.160, 217.439

57, 90.046, 42.121

100, 1.891,
199.636

54, 98.027, 42.380

54, 99.088, 42.439

Harmonies

Complementary

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



77, 33.894, 37.260



88, 25.523, 218.475

Rectangle

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



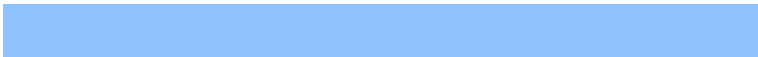
77, 33.894, 37.260



77, 33.894, 87.260



77, 33.894, 217.260



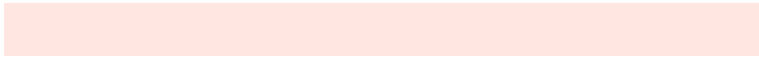
77, 33.894, 267.260

Sweetspot

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



77, 33.892, 37.265



93, 9.630, 36.708



76, 53.525, 331.825



49, 6.422, 36.715



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, 33.892, 37.265



75, 42.575, 37.672



88, 35.669, 86.065



49, 4.440, 36.695



41, 79.902, 42.806



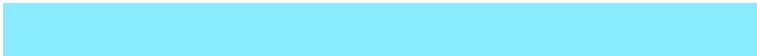
11, 29.066, 35.247

Inverse Universe

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



88, 25.523, 218.475



88, 29.961, 219.170



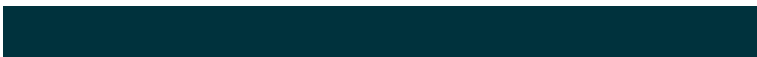
75, 35.414, 277.585



51, 4.179, 217.118



59, 34.766, 230.619



19, 15.715, 225.749

Previews

White Background



This preview shows how the CIELCh color 77, 33.894, 37.260 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 CIE LCh color 77, 33.894, 37.260 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, 33.894, 37.260

Background



This preview shows how black text looks on a background with the CIELCh color 77, 33.894, 37.260.



This preview shows how white text looks on a background with the CIELCh color 77, 33.894, 37.260.

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
77, 33.553, 11.680

Trichromacy



Original Color
77, 33.894, 37.260

Protanomaly
77, 18.770, 60.810

Deuteranomaly
77, 26.390, 52.257

Tritanomaly
77, 32.913, 20.527

Monochromacy



Original Color
77, 33.894, 37.260

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 11.644, 36.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 33.894, 37.260 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, 171, 154)` looks like.

```
.text, #text, p{  
    color:rgb(250, 171, 154)  
}
```

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, 171, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 171, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 33.894, 37.260 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, 171, 154) }
```

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

```
.border{ border-color:rgb(250, 171, 154) }
```

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

Here you see how a box with a 4 pixel rgb(250, 171, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 171, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 171, 154);  
box-shadow:4px 4px 4px 4px rgb(250, 171,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 33.894, 37.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 171, 154) }
```

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

```
.background{ background-color: rgb(250,  
171, 154) }
```

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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