

Converting Colors

CIELCh(77, 34.206, 48.131)

Have a look what the booklet for
CIELCh(77, 34.206, 48.131) contains.

CIELCh(77, 34.230, 47.989)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(77, 34.230, 47.989)

Conversions

Conversions Part 1

Format	Color
Hex	F5AD90
RGB	245, 173, 144
RGB Percent	96%, 68%, 56%
CMY	0.0377, 0.3201, 0.4339
CMYK	0.00, 0.29, 0.41, 0.04
HSL	17°, 84%, 76%
HSV	17°, 41%, 96%
XYZ	57.8659, 51.5317, 33.4207
YIQ	191.2220, 52.2210, 6.2450

Conversions

Conversions Part 2

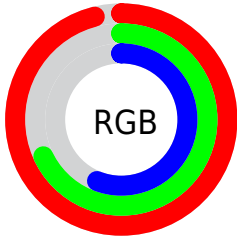
Format	Color
R _Y B	245, 185, 144
Decimal	16100752
CIE Lab	77.00, 22.91, 25.43
CIE LCh	77, 34.230, 47.989
Yxy	51.5317, 0.4052, 0.3608
Android (android.graphics.Color)	4294290832 (0xFFF5AD90)
YUV	191.2220, -23.2804, 47.1633
Hunter-Lab	71.7856, 18.2629, 22.6467

Details

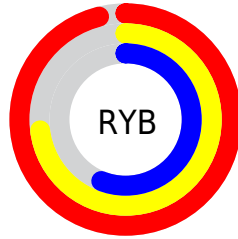
The CIELCh color **77, 34.230, 47.989** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 26.114, 234.490**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 18.841, 77.116**, and **57, 34.202, 48.133** is the 20% darker color. If you saturate the color by 10%, you get **73, 44.243, 47.802**, and if you desaturate by 10%, it is **82, 24.900, 48.316**.

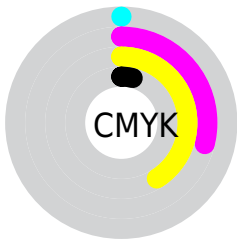
Distribution



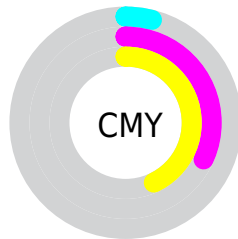
- Red (96%)
- Green (68%)
- Blue (56%)



- Red (96%)
- Yellow (73%)
- Blue (56%)



- Cyan (0%)
- Magenta (29%)
- Yellow (41%)
- Black (4%)



- Cyan (4%)
- Magenta (32%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 34.230, 47.989 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, 34.230, 47.989 by changing the saturation by 10% instead.

77, 34.230, 47.989

77, 34.230, 47.989

100, 34.230,
47.989

67, 34.230, 47.989

97, 34.230, 47.989

57, 34.230, 47.989

47, 34.230, 47.989

37, 34.230, 47.989

27, 34.230, 47.989

17, 34.230, 47.989

7, 34.230, 47.989

0, 34.230, 47.989

77, 34.230, 47.989

77, 34.230, 47.989

73, 44.243, 47.802

82, 24.900, 48.316

68, 54.877, 47.744

86, 16.254, 48.744

65, 65.923, 47.781

91, 8.250, 49.236

61, 76.867, 47.762

96, 0.833, 49.184

58, 86.581, 47.302

99, 3.322, 199.394

56, 93.072, 46.262

Harmonies

Complementary

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



77, 34.230, 47.989



83, 26.114, 234.490

Rectangle

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



77, 34.230, 47.989



77, 34.230, 97.989



77, 34.230, 227.989



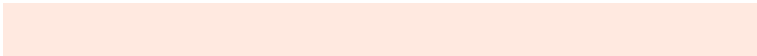
77, 34.230, 277.989

Sweetspot

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



77, 34.229, 47.994



94, 9.167, 49.193



73, 52.095, 336.680



49, 6.112, 49.128



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, 34.229, 47.994



76, 43.351, 47.831



89, 41.581, 94.391



49, 4.159, 49.318



43, 75.159, 46.809



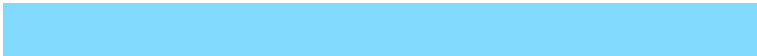
11, 26.249, 41.770

Inverse Universe

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



83, 26.114, 234.490



83, 31.056, 236.006



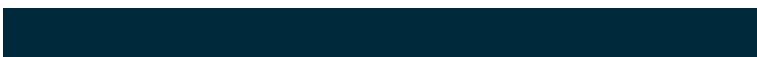
69, 43.611, 285.935



49, 3.946, 230.725



52, 37.912, 253.713



15, 16.046, 246.110

Previews

White Background



This preview shows how the CIELCh color 77, 34.230, 47.989 looks on a white background.

Color Contrast Check

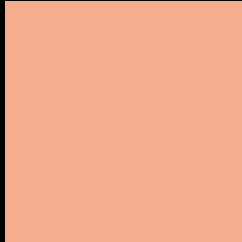
Large Text (above 18pt) WCAG AA × Fail

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, 34.230, 47.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

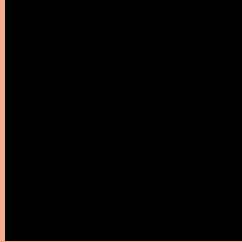
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 34.230, 47.989

Background



This preview shows how black text looks on a background with the CIELCh color 77, 34.230, 47.989.



This preview shows how white text looks on a background with the CIELCh color 77, 34.230, 47.989.

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, 34.230, 47.989

Protanopia

77, 20.826, 94.930

Deuteranopia

77, 27.804, 69.604



Tritanopia
77, 32.009, 10.013

Trichromacy



Original Color
77, 34.230, 47.989

Protanomaly
77, 23.457, 72.225

Deuteranomaly
77, 29.617, 60.554

Tritanomaly
77, 31.121, 24.049

Monochromacy



Original Color
77, 34.230, 47.989

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 11.421, 47.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 34.230, 47.989 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(245, 173, 144)` looks like.

```
.text, #text, p{  
    color:rgb(245, 173, 144)  
}
```

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(245, 173, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 173, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 34.230, 47.989 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(245, 173, 144) }
```

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

```
.border{ border-color:rgb(245, 173, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 173, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 173, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 173, 144);  
box-shadow:4px 4px 4px 4px rgb(245, 173,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 34.230, 47.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 173, 144) }
```

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

```
.background{ background-color: rgb(245,  
173, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor