

Converting Colors

CIELCh(77, 41.777, 62.504)

Have a look what the booklet for
CIELCh(77, 41.777, 62.504) contains.

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Color

CIELCh(77, 41.777, 62.504)

Conversions

Conversions Part 1

Format	Color
Hex	F4AF7A
RGB	244, 175, 122
RGB Percent	96%, 69%, 48%
CMY	0.0415, 0.3122, 0.5201
CMYK	0.00, 0.28, 0.50, 0.04
HSL	26°, 85%, 72%
HSV	26°, 50%, 96%
XYZ	56.3951, 51.5317, 25.5047
YIQ	189.5890, 58.1370, -1.8550

Conversions

Conversions Part 2

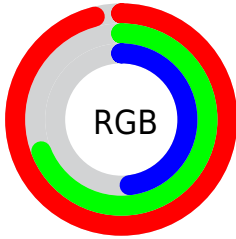
Format	Color
R _Y B	244, 216, 122
Decimal	16035706
CIE Lab	77.00, 19.29, 37.06
CIE LCh	77, 41.777, 62.504
Yxy	51.5317, 0.4227, 0.3862
Android (android.graphics.Color)	4294225786 (0xFFF4AF7A)
YUV	189.5890, -33.3214, 47.7184
Hunter-Lab	71.7856, 14.6056, 29.1848

Details

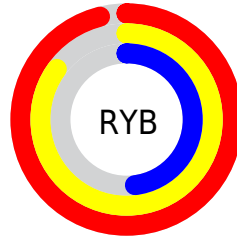
The CIELCh color $77, 41.777, 62.504$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $75, 33.802, 257.153$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 30.289, 89.681$, and $57, 41.871, 62.223$ is the 20% darker color. If you saturate the color by 10%, you get $73, 51.517, 61.454$, and if you desaturate by 10%, it is $81, 32.446, 63.571$.

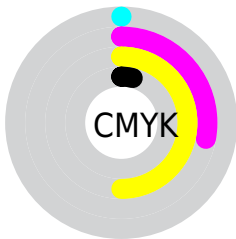
Distribution



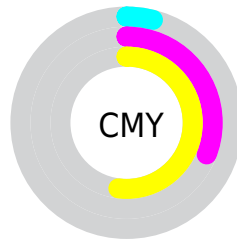
- Red (96%)
- Green (69%)
- Blue (48%)



- Red (96%)
- Yellow (85%)
- Blue (48%)



- Cyan (0%)
- Magenta (28%)
- Yellow (50%)
- Black (4%)



- Cyan (4%)
- Magenta (31%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 41.777, 62.504 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, 41.777, 62.504 by changing the saturation by 10% instead.

77, 41.777, 62.504

77, 41.777, 62.504

100, 41.777,
62.504

67, 41.777, 62.504

97, 41.777, 62.504

57, 41.777, 62.504

47, 41.777, 62.504

37, 41.777, 62.504

27, 41.777, 62.504

17, 41.777, 62.504

7, 41.777, 62.504

0, 41.777, 62.504

77, 41.777, 62.504

77, 41.777, 62.504

73, 51.517, 61.454

81, 32.446, 63.571

70, 61.450, 60.353

84, 23.604, 64.653

67, 71.077, 59.072

88, 15.259, 65.747

64, 79.427, 57.317

92, 7.387, 66.829

61, 85.515, 54.825

96, 0.053, 257.167

61, 85.552, 54.811

99, 3.655, 199.355

Harmonies

Complementary

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



77, 41.777, 62.504



75, 33.802, 257.153

Rectangle

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



77, 41.777, 62.504



77, 41.777, 112.504



77, 41.777, 242.504



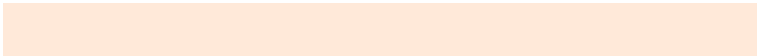
77, 41.777, 292.504

Sweetspot

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



77, 41.776, 62.509



94, 11.712, 66.283



67, 56.528, 345.121



49, 8.040, 66.053



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, 41.776, 62.509



76, 53.399, 61.432



92, 56.915, 102.205



49, 4.224, 66.876



47, 69.390, 55.496



13, 24.812, 54.802

Inverse Universe

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



75, 33.802, 257.153



74, 41.201, 260.309



59, 64.352, 295.066



49, 4.089, 249.216



44, 49.911, 276.866



12, 19.759, 269.073

Previews

White Background



This preview shows how the CIELCh color 77, 41.777, 62.504 looks on a white background.

Color Contrast Check

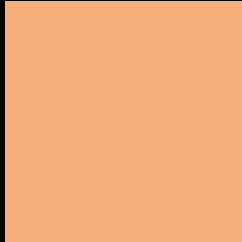
Large Text (above 18pt) WCAG AA × Fail

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, 41.777, 62.504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

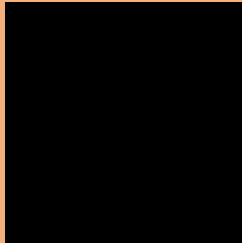
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 41.777, 62.504

Background



This preview shows how black text looks on a background with the CIELCh color 77, 41.777, 62.504.



This preview shows how white text looks on a background with the CIELCh color 77, 41.777, 62.504.

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, 41.777, 62.504

Protanopia

77, 33.530, 95.617

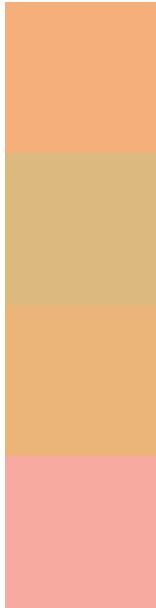
Deuteranopia

77, 38.832, 75.284



Tritanopia
77, 32.009, 10.013

Trichromacy



Original Color
77, 41.777, 62.504

Protanomaly
77, 34.909, 82.190

Deuteranomaly
77, 39.842, 71.045

Tritanomaly
77, 31.484, 32.537

Monochromacy



Original Color
77, 41.777, 62.504

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 14.605, 66.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 41.777, 62.504 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(244, 175, 122)` looks like.

```
.text, #text, p{  
    color:rgb(244, 175, 122)  
}
```

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(244, 175, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 175, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 41.777, 62.504 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(244, 175, 122) }
```

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

```
.border{ border-color:rgb(244, 175, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 175, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 175, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 175, 122);  
box-shadow:4px 4px 4px 4px rgb(244, 175,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 41.777, 62.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 175, 122) }
```

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

```
.background{ background-color: rgb(244,  
175, 122) }
```

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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