

Converting Colors

CIELCh(77, 48.776, 58.400)

Have a look what the booklet for
CIELCh(77, 48.776, 58.400) contains.

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Color

CIELCh(77, 48.660, 58.953)

Conversions

Conversions Part 1

Format	Color
Hex	FFAB72
RGB	255, 171, 114
RGB Percent	100%, 67%, 45%
CMY	0.0005, 0.3298, 0.5534
CMYK	0.00, 0.33, 0.55, 0.00
HSL	24°, 100%, 72%
HSV	24°, 55%, 100%
XYZ	58.7664, 51.5317, 22.7371
YIQ	189.6180, 68.3610, 0.0810

Conversions

Conversions Part 2

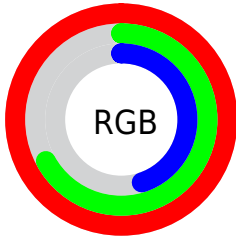
Format	Color
R _Y B	255, 210, 114
Decimal	16755570
CIE Lab	77.00, 25.10, 41.69
CIE LCh	77, 48.660, 58.953
Yxy	51.5317, 0.4417, 0.3874
Android (android.graphics.Color)	4294945650 (0xFFFFAB72)
YUV	189.6180, -37.2797, 57.3400
Hunter-Lab	71.7856, 20.5019, 31.4706

Details

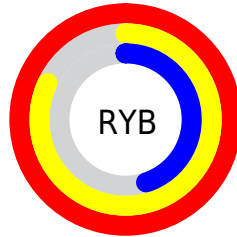
The CIELCh color **77, 48.660, 58.953** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **77, 37.076, 254.790**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 32.880, 87.830**, and **57, 48.922, 58.712** is the 20% darker color. If you saturate the color by 10%, you get **73, 59.075, 58.059**, and if you desaturate by 10%, it is **81, 38.638, 59.864**.

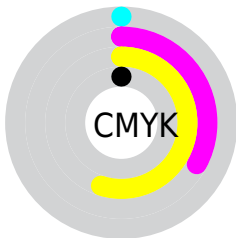
Distribution



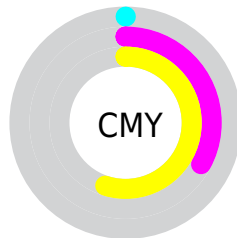
- Red (100%)
- Green (67%)
- Blue (45%)



- Red (100%)
- Yellow (82%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (33%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 48.660, 58.953 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, 48.660, 58.953 by changing the saturation by 10% instead.

77, 48.660, 58.953

77, 48.660, 58.953

100, 48.660,
58.953

67, 48.660, 58.953

97, 48.660, 58.953

57, 48.660, 58.953

47, 48.660, 58.953

37, 48.660, 58.953

27, 48.660, 58.953

17, 48.660, 58.953

7, 48.660, 58.953

0, 48.660, 58.953

77, 48.660, 58.953

77, 48.660, 58.953

73, 59.075, 58.059

81, 38.638, 59.864

70, 69.538, 57.079

85, 29.150, 60.807

67, 79.288, 55.798

89, 20.226, 61.787

64, 86.983, 53.790

93, 11.850, 62.786

62, 89.832, 52.648

98, 3.983, 63.733

100, 0.044,
214.554

Harmonies

Complementary

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



77, 48.660, 58.953



77, 37.076, 254.790

Rectangle

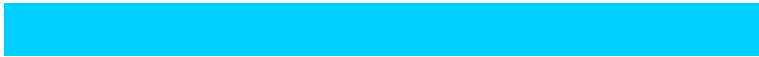
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77, 48.660, 58.953



77, 48.660, 108.953



77, 48.660, 238.953



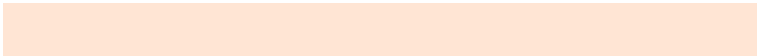
77, 48.660, 288.953

Sweetspot

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



77, 48.659, 58.957



93, 13.232, 62.618



68, 65.212, 343.974



48, 8.907, 62.416



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, 48.659, 58.957



73, 59.822, 57.996



94, 62.834, 99.860



51, 4.322, 63.357



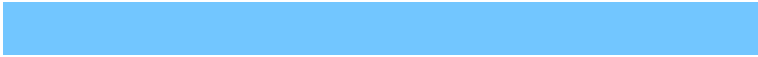
48, 71.976, 53.329



14, 27.428, 52.596

Inverse Universe

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



77, 37.076, 254.790



73, 43.048, 258.400



58, 71.681, 294.954



51, 4.163, 245.572



47, 47.966, 273.070



14, 20.043, 265.897

Previews

White Background



This preview shows how the CIELCh color 77, 48.660, 58.953 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, 48.660, 58.953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

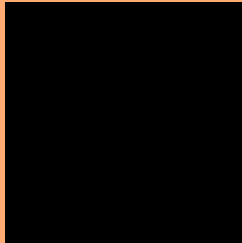
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 48.660, 58.953

Background



This preview shows how black text looks on a background with the CIELCh color 77, 48.660, 58.953.



This preview shows how white text looks on a background with the CIELCh color 77, 48.660, 58.953.

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, 35.132, 13.216

Trichromacy



Original Color
77, 48.660, 58.953

Protanomaly
77, 39.060, 80.250

Deuteranomaly
77, 44.524, 69.886

Tritanomaly
77, 36.668, 33.911

Monochromacy



Original Color
77, 48.660, 58.953

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 16.779, 61.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 48.660, 58.953 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(255, 171, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 114)  
}
```

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(255, 171, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 48.660, 58.953 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(255, 171, 114) }
```

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

```
.border{ border-color:rgb(255, 171, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 48.660, 58.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 114) }
```

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

```
.background{ background-color: rgb(255,  
171, 114) }
```

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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