

Converting Colors

CIELCh(89, 84.335, 44.901)

Have a look what the booklet for
CIELCh(89, 84.335, 44.901) contains.

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Color

CIELCh(77, 49.025, 60.024)

Conversions

Conversions Part 1

Format	Color
Hex	FEAB70
RGB	254, 171, 112
RGB Percent	100%, 67%, 44%
CMY	0.0031, 0.3282, 0.5594
CMYK	0.00, 0.33, 0.56, 0.00
HSL	25°, 99%, 72%
HSV	25°, 56%, 100%
XYZ	58.5179, 51.5317, 22.2928
YIQ	189.0910, 68.4070, -0.7530

Conversions

Conversions Part 2

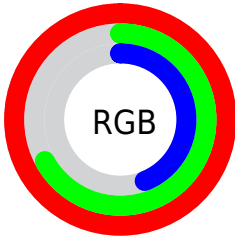
Format	Color
RYB	254, 213, 112
Decimal	16690032
CIELab	77.00, 24.49, 42.47
CIELCh	77, 49.025, 60.024
Yxy	51.5317, 0.4422, 0.3894
Android (android.graphics.Color)	4294880112 (0xFFFEAB70)
YUV	189.0910, -38.0059, 56.9252
Hunter-Lab	71.7856, 19.8840, 31.8376

Details

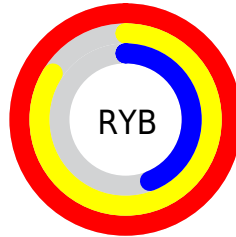
The CIELCh color **77, 49.025, 60.024** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **76, 37.738, 256.471**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 33.846, 88.285**, and **57, 49.346, 59.737** is the 20% darker color. If you saturate the color by 10%, you get **73, 59.358, 59.060**, and if you desaturate by 10%, it is **81, 39.048, 60.993**.

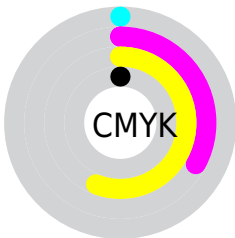
Distribution



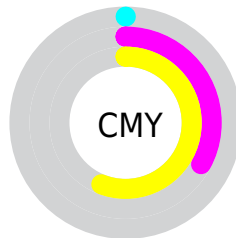
- Red (100%)
- Green (67%)
- Blue (44%)



- Red (100%)
- Yellow (84%)
- Blue (44%)



- Cyan (0%)
- Magenta (33%)
- Yellow (56%)
- Black (0%)



- Cyan (0%)
- Magenta (33%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 49.025, 60.024 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, 49.025, 60.024 by changing the saturation by 10% instead.

 77, 49.025, 60.024

 77, 49.025, 60.024

 100, 49.025,
60.024

 67, 49.025, 60.024

 97, 49.025, 60.024

 57, 49.025, 60.024

 47, 49.025, 60.024

 37, 49.025, 60.024

 27, 49.025, 60.024

 17, 49.025, 60.024

 7, 49.025, 60.024

 0, 49.025, 60.024

 77, 49.025, 60.024

 77, 49.025, 60.024

73, 59.358, 59.060

81, 39.048, 60.993

70, 69.683, 57.993

85, 29.579, 61.986

67, 79.213, 56.603

89, 20.655, 63.009

64, 86.603, 54.462

93, 12.263, 64.047

63, 89.093, 53.414

97, 4.368, 65.038

100, 0.272,
201.829

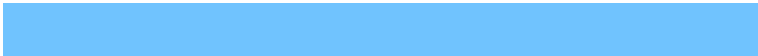
Harmonies

Complementary

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



77, 49.025, 60.024



76, 37.738, 256.471

Rectangle

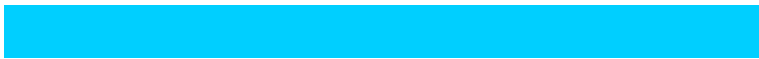
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77, 49.025, 60.024



77, 49.025, 110.024



77, 49.025, 240.024



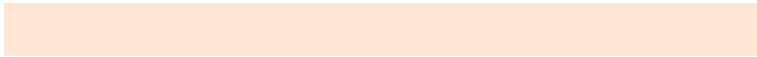
77, 49.025, 290.024

Sweetspot

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



77, 49.024, 60.028



93, 13.271, 63.923



67, 65.569, 344.039



49, 8.932, 63.714



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, 49.024, 60.028



73, 60.754, 58.940



94, 63.207, 99.809



51, 4.337, 64.690



48, 71.540, 54.097



15, 27.343, 53.643

Inverse Universe

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



76, 37.738, 256.471



72, 44.229, 260.329



58, 72.238, 295.071



51, 4.186, 246.958



46, 49.086, 274.583



14, 20.432, 267.461

Previews

White Background



This preview shows how the CIELCh color 77, 49.025, 60.024 looks on a white background.

Color Contrast Check

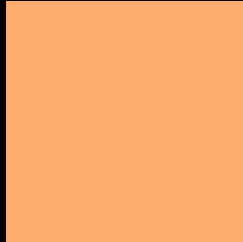
Large Text (above 18pt) WCAG AA × Fail

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, 49.025, 60.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

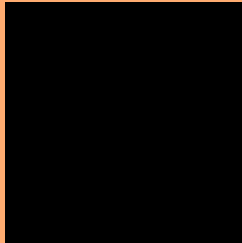
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 49.025, 60.024

Background



This preview shows how black text looks on a background with the CIELCh color 77, 49.025, 60.024.



This preview shows how white text looks on a background with the CIELCh color 77, 49.025, 60.024.

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, 35.569, 12.535

Trichromacy



Original Color
77, 49.091, 60.004

Protanomaly
77, 39.964, 80.787

Deuteranomaly
77, 45.394, 70.511

Tritanomaly
77, 37.126, 33.824

Monochromacy



Original Color
77, 49.091, 60.004

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 16.870, 64.013

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 49.025, 60.024 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(254, 171, 112)` looks like.

```
.text, #text, p{  
    color:rgb(254, 171, 112)  
}
```

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(254, 171, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 171, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 49.025, 60.024 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(254, 171, 112) }
```

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

```
.border{ border-color:rgb(254, 171, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 171, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 171, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 171, 112);  
box-shadow:4px 4px 4px 4px rgb(254, 171,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 49.025, 60.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 171, 112) }
```

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

```
.background{ background-color: rgb(254,  
171, 112) }
```

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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