

Converting Colors

CIELCh(76, 53.400, 67.532)

Have a look what the booklet for
CIELCh(76, 53.400, 67.532) contains.

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Color

CIELCh(76, 53.304, 67.307)

Conversions

Conversions Part 1

Format	Color
Hex	F7AB60
RGB	247, 171, 96
RGB Percent	97%, 67%, 38%
CMY	0.0303, 0.3285, 0.6226
CMYK	0.00, 0.31, 0.61, 0.03
HSL	30°, 91%, 67%
HSV	30°, 61%, 97%
XYZ	55.1822, 49.8872, 17.8417
YIQ	185.1740, 69.3710, -7.2130

Conversions

Conversions Part 2

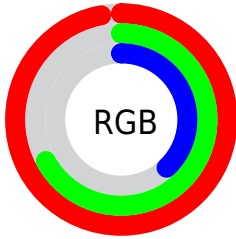
Format	Color
R _Y B	247, 245, 96
Decimal	16231264
CIE Lab	76.00, 20.56, 49.18
CIE LCh	76, 53.304, 67.307
Yxy	49.8872, 0.4490, 0.4059
Android (android.graphics.Color)	4294421344 (0xFFFF7AB60)
YUV	185.1740, -43.9628, 54.2214
Hunter-Lab	70.6309, 15.8536, 34.4647

Details

The CIELCh color **76, 53.304, 67.307** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **69, 44.402, 268.162**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 41.730, 90.445**, and **56, 53.261, 67.359** is the 20% darker color. If you saturate the color by 10%, you get **73, 62.878, 65.903**, and if you desaturate by 10%, it is **79, 43.700, 68.625**.

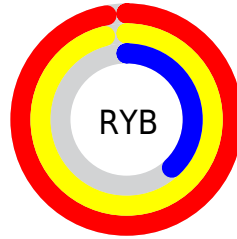
Distribution



Red (97%)

Green (67%)

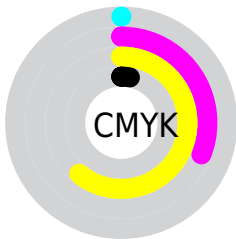
Blue (38%)



Red (97%)

Yellow (96%)

Blue (38%)

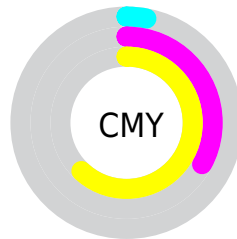


Cyan (0%)

Magenta (31%)

Yellow (61%)

Black (3%)



Cyan (3%)

Magenta (33%)

Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 53.304, 67.307 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 76, 53.304, 67.307 by changing the saturation by 10% instead.

 76, 53.304, 67.307

 76, 53.304, 67.307

 100, 53.304,
67.307

 66, 53.304, 67.307

 96, 53.304, 67.307

 56, 53.304, 67.307

 46, 53.304, 67.307

 36, 53.304, 67.307

 26, 53.304, 67.307

 16, 53.304, 67.307

 6, 53.304, 67.307

 0, 53.304, 67.307

 76, 53.304, 67.307

 76, 53.304, 67.307

73, 62.878, 65.903

79, 43.700, 68.625

70, 71.843, 64.259

83, 34.349, 69.905

67, 79.173, 62.098

86, 25.369, 71.172

65, 83.717, 59.576

90, 16.794, 72.426

93, 8.619, 73.650

97, 0.816, 74.394

99, 2.678, 199.483

Harmonies

Complementary

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



76, 53.304, 67.307



69, 44.402, 268.162

Rectangle

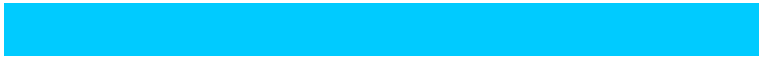
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 53.304, 67.307



76, 53.304, 117.307



76, 53.304, 247.307



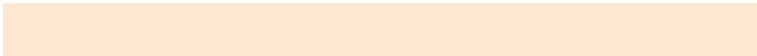
76, 53.304, 297.307

Sweetspot

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



76, 53.303, 67.311



93, 14.592, 72.804



63, 66.046, 349.893



49, 10.212, 72.443



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 53.303, 67.311



74, 66.308, 65.594



94, 71.572, 103.702



49, 4.366, 73.839



50, 67.390, 60.296



14, 24.633, 61.103

Inverse Universe

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



69, 44.402, 268.162



65, 53.852, 272.661



50, 85.860, 299.430



49, 4.268, 256.357



40, 56.660, 283.766



11, 22.037, 276.445

Previews

White Background



This preview shows how the CIELCh color 76, 53.304, 67.307 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 76, 53.304, 67.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

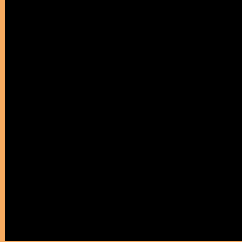
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 53.304, 67.307

Background



This preview shows how black text looks on a background with the CIELCh color 76, 53.304, 67.307.



This preview shows how white text looks on a background with the CIELCh color 76, 53.304, 67.307.

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

76, 53.304, 67.307

Protanopia

76, 45.799, 95.600

Deuteranopia

76, 50.842, 79.110



Tritanopia
76, 36.074, 12.756

Trichromacy



Original Color
76, 53.304, 67.307

Protanomaly
76, 46.924, 84.211

Deuteranomaly
76, 51.364, 74.472

Tritanomaly
76, 37.483, 37.774

Monochromacy



Original Color
76, 53.304, 67.307

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 18.480, 71.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 53.304, 67.307 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(247, 171, 96)` looks like.

```
.text, #text, p{  
    color:rgb(247, 171, 96)  
}
```

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(247, 171, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 171, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 53.304, 67.307 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(247, 171, 96) }
```

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

```
.border{ border-color:rgb(247, 171, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 171, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 171, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 171, 96);  
box-shadow:4px 4px 4px 4px rgb(247, 171,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 53.304, 67.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 171, 96) }
```

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

```
.background{ background-color: rgb(247,  
171, 96) }
```

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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