

Converting Colors

CIELCh(76, 53.460, 59.727)

Have a look what the booklet for
CIELCh(76, 53.460, 59.727) contains.

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Color

CIELCh(76, 53.034, 60.184)

Conversions

Conversions Part 1

Format	Color
Hex	FFA767
RGB	255, 167, 103
RGB Percent	100%, 65%, 40%
CMY	0.0000, 0.3450, 0.5960
CMYK	0.00, 0.35, 0.60, 0.00
HSL	25°, 100%, 70%
HSV	25°, 60%, 100%
XYZ	57.5184, 49.8872, 19.4342
YIQ	186.0160, 72.9920, -1.2480

Conversions

Conversions Part 2

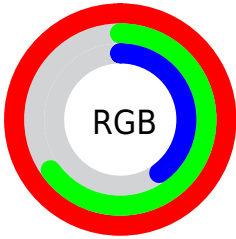
Format	Color
R _Y B	255, 214, 103
Decimal	16754535
CIE Lab	76.00, 26.37, 46.01
CIE LCh	76, 53.034, 60.184
Yxy	49.8872, 0.4535, 0.3933
Android (android.graphics.Color)	4294944615 (0xFFFFA767)
YUV	186.0160, -40.9269, 60.4990
Hunter-Lab	70.6309, 21.7576, 33.1279

Details

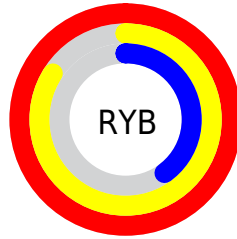
The CIELCh color **76, 53.034, 60.184** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **74, 40.306, 258.434**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 37.144, 86.225**, and **56, 53.048, 60.627** is the 20% darker color. If you saturate the color by 10%, you get **72, 63.403, 59.170**, and if you desaturate by 10%, it is **80, 42.890, 61.183**.

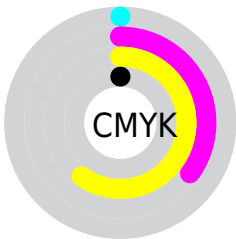
Distribution



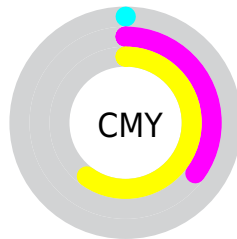
- Red (100%)
- Green (65%)
- Blue (40%)



- Red (100%)
- Yellow (84%)
- Blue (40%)



- Cyan (0%)
- Magenta (35%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (35%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 53.034, 60.184 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, 53.034, 60.184 by changing the saturation by 10% instead.

 76, 53.034, 60.184

 76, 53.034, 60.184

 100, 53.034,
60.184

 66, 53.034, 60.184

 96, 53.034, 60.184

 56, 53.034, 60.184

 46, 53.034, 60.184

 36, 53.034, 60.184

 26, 53.034, 60.184

 16, 53.034, 60.184

 6, 53.034, 60.184

 0, 53.034, 60.184

 76, 53.034, 60.184

 76, 53.034, 60.184

72, 63.403, 59.170

80, 42.890, 61.183

69, 73.517, 57.979

84, 33.210, 62.190

66, 82.363, 56.322

88, 24.062, 63.224

63, 88.794, 53.878

92, 15.448, 64.278

63, 89.037, 53.785

96, 7.340, 65.323

100, 0.012,
296.813

Harmonies

Complementary

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



76, 53.034, 60.184



74, 40.306, 258.434

Rectangle

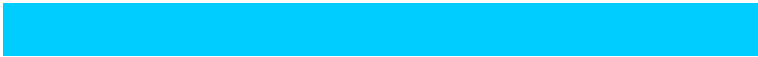
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 53.034, 60.184



76, 53.034, 110.184



76, 53.034, 240.184



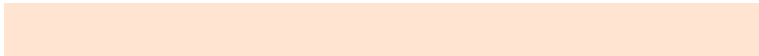
76, 53.034, 290.184

Sweetspot

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



76, 53.026, 60.194



92, 14.117, 64.447



66, 68.727, 345.538



48, 9.898, 64.140



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, 53.026, 60.194



72, 65.882, 58.907



94, 68.071, 100.354



51, 4.346, 65.332



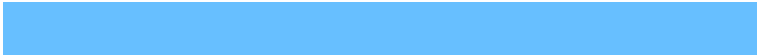
48, 71.331, 54.479



15, 27.305, 54.157

Inverse Universe

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



74, 40.306, 258.434



70, 47.338, 263.036



55, 79.464, 296.671



51, 4.197, 247.625



46, 49.641, 275.297



14, 20.625, 268.203

Previews

White Background



This preview shows how the CIELCh color 76, 53.034, 60.184 looks on a white background.

Color Contrast Check

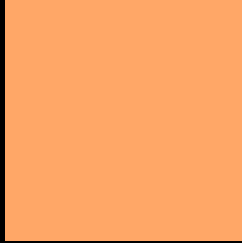
Large Text (above 18pt) WCAG AA × Fail

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, 53.034, 60.184 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, 53.034, 60.184

Background



This preview shows how black text looks on a background with the CIELCh color 76, 53.034, 60.184.



This preview shows how white text looks on a background with the CIELCh color 76, 53.034, 60.184.

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
76, 37.286, 14.043

Trichromacy



Original Color
76, 53.034, 60.184

Protanomaly
76, 43.578, 80.489

Deuteranomaly
76, 49.161, 71.576

Tritanomaly
76, 39.381, 34.932

Monochromacy



Original Color
76, 53.034, 60.184

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 17.944, 63.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 53.034, 60.184 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, 167, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 103)  
}
```

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, 167, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 53.034, 60.184 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, 167, 103) }
```

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

```
.border{ border-color:rgb(255, 167, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 167, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 167, 103); box-shadow:4px 4px 4px 4px rgb(255, 167, 103) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 53.034, 60.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 103) }
```

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

```
.background{ background-color: rgb(255,  
167, 103) }
```

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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