

Converting Colors

CIELCh(77, 43.671, 52.411)

Have a look what the booklet for
CIELCh(77, 43.671, 52.411) contains.

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Color

CIELCh(77, 43.920, 52.553)

Conversions

Conversions Part 1

Format	Color
Hex	FFAA7F
RGB	255, 170, 127
RGB Percent	100%, 67%, 50%
CMY	0.0001, 0.3334, 0.5020
CMYK	0.00, 0.33, 0.50, 0.00
HSL	20°, 100%, 75%
HSV	20°, 50%, 100%
XYZ	59.4347, 51.5317, 26.8876
YIQ	190.5130, 64.4630, 4.6470

Conversions

Conversions Part 2

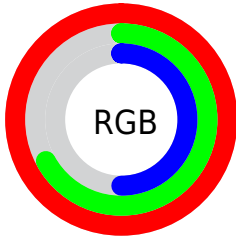
Format	Color
R_{YB}	255, 192, 127
Decimal	16755327
CIE _{Lab}	77.00, 26.70, 34.87
CIE _{LCh}	77, 43.920, 52.553
Yxy	51.5317, 0.4311, 0.3738
Android (android.graphics.Color)	4294945407 (0xFFFFAA7F)
YUV	190.5130, -31.3119, 56.5551
Hunter-Lab	71.7856, 22.1637, 28.0426

Details

The CIELCh color **77, 43.920, 52.553** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **81, 32.326, 243.603**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 26.380, 82.735**, and **57, 43.968, 52.414** is the 20% darker color. If you saturate the color by 10%, you get **73, 54.545, 52.111**, and if you desaturate by 10%, it is **81, 33.890, 53.091**.

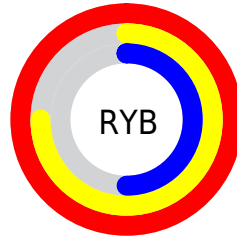
Distribution



Red (100%)

Green (67%)

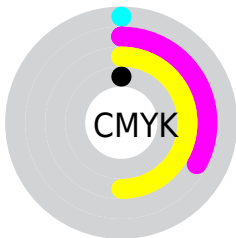
Blue (50%)



Red (100%)

Yellow (75%)

Blue (50%)

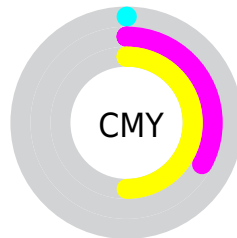


Cyan (0%)

Magenta (33%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 43.920, 52.553 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, 43.920, 52.553 by changing the saturation by 10% instead.

77, 43.920, 52.553

77, 43.920, 52.553

100, 43.920,
52.553

67, 43.920, 52.553

97, 43.920, 52.553

57, 43.920, 52.553

47, 43.920, 52.553

37, 43.920, 52.553

27, 43.920, 52.553

17, 43.920, 52.553

7, 43.920, 52.553

0, 43.920, 52.553

77, 43.920, 52.553

77, 43.920, 52.553

73, 54.545, 52.111

81, 33.890, 53.091

69, 65.568, 51.708

86, 24.521, 53.713

66, 76.491, 51.206

90, 15.801, 54.406

62, 86.237, 50.263

95, 7.692, 55.132

60, 93.383, 48.570

100, 0.139, 51.807

100, 0.013,
265.743

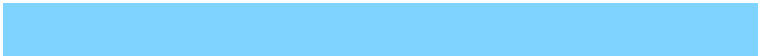
Harmonies

Complementary

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



77, 43.920, 52.553



81, 32.326, 243.603

Rectangle

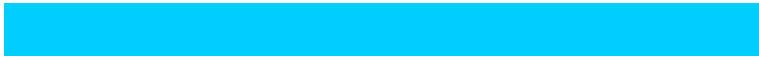
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77, 43.920, 52.553



77, 43.920, 102.553



77, 43.920, 232.553



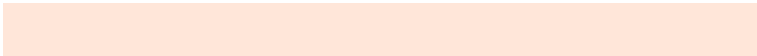
77, 43.920, 282.553

Sweetspot

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



77, 43.919, 52.558



93, 11.514, 54.784



70, 62.448, 339.862



49, 7.916, 54.630



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, 43.919, 52.558



73, 54.334, 52.119



92, 54.321, 96.493



51, 4.278, 55.181



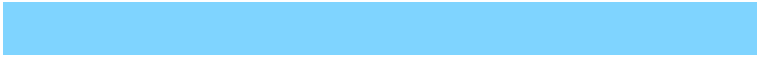
45, 74.742, 49.185



13, 28.107, 46.654

Inverse Universe

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



81, 32.326, 243.603



78, 37.239, 246.318



64, 59.352, 290.680



51, 4.081, 236.975



51, 41.994, 262.657



16, 18.040, 255.423

Previews

White Background



This preview shows how the CIELCh color 77, 43.920, 52.553 looks on a white background.

Color Contrast Check

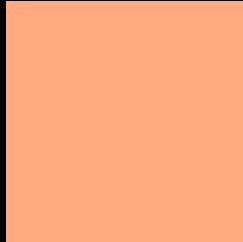
Large Text (above 18pt) WCAG AA × Fail

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, 43.920, 52.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

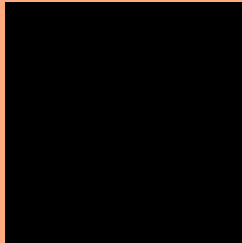
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 43.920, 52.553

Background



This preview shows how black text looks on a background with the CIELCh color 77, 43.920, 52.553.



This preview shows how white text looks on a background with the CIELCh color 77, 43.920, 52.553.

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, 43.920, 52.553

Protanopia

77, 29.867, 95.480

Deuteranopia

77, 36.758, 74.454



Tritanopia
77, 35.132, 13.216

Trichromacy



Original Color
77, 43.920, 52.553

Protanomaly
77, 32.261, 76.287

Deuteranomaly
77, 38.366, 65.881

Tritanomaly
77, 36.083, 29.157

Monochromacy



Original Color
77, 43.920, 52.553

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 14.661, 53.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 43.920, 52.553 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, 170, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 127)  
}
```

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, 170, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 43.920, 52.553 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, 170, 127) }
```

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

```
.border{ border-color:rgb(255, 170, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 170, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 170, 127); box-shadow:4px 4px 4px 4px rgb(255, 170, 127) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 43.920, 52.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 127) }
```

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

```
.background{ background-color: rgb(255,  
170, 127) }
```

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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