

Converting Colors

CIELCh(76, 40.668, 54.714)

Have a look what the booklet for
CIELCh(76, 40.668, 54.714) contains.

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Color

CIELCh(76, 40.618, 55.210)

Conversions

Conversions Part 1

Format	Color
Hex	F6AA7F
RGB	246, 170, 127
RGB Percent	96%, 67%, 50%
CMY	0.0352, 0.3332, 0.5019
CMYK	0.00, 0.31, 0.48, 0.04
HSL	22°, 87%, 73%
HSV	22°, 48%, 96%
XYZ	56.2250, 49.8872, 26.7510
YIQ	187.8220, 59.0990, 2.7390

Conversions

Conversions Part 2

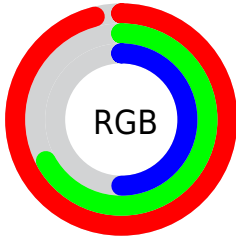
Format	Color
R _Y B	246, 194, 127
Decimal	16165503
CIE Lab	76.00, 23.18, 33.36
CIE LCh	76, 40.618, 55.210
Yxy	49.8872, 0.4232, 0.3755
Android (android.graphics.Color)	4294355583 (0xFFFF6AA7F)
YUV	187.8220, -29.9852, 51.0221
Hunter-Lab	70.6309, 18.4890, 26.9859

Details

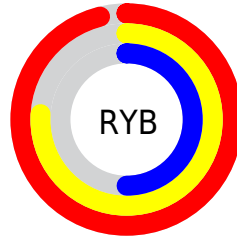
The CIELCh color **76, 40.618, 55.210** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **78, 30.955, 246.814**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 26.380, 82.735**, and **56, 40.798, 54.826** is the 20% darker color. If you saturate the color by 10%, you get **72, 50.701, 54.580**, and if you desaturate by 10%, it is **80, 31.096, 55.917**.

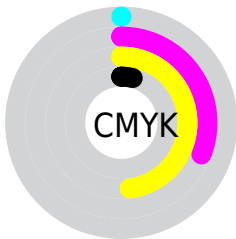
Distribution



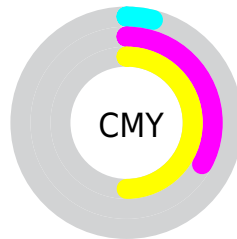
- Red (96%)
- Green (67%)
- Blue (50%)



- Red (96%)
- Yellow (76%)
- Blue (50%)



- Cyan (0%)
- Magenta (31%)
- Yellow (48%)
- Black (4%)



- Cyan (4%)
- Magenta (33%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 40.618, 55.210 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, 40.618, 55.210 by changing the saturation by 10% instead.

76, 40.618, 55.210

76, 40.618, 55.210

100, 40.618,
55.210

66, 40.618, 55.210

96, 40.618, 55.210

56, 40.618, 55.210

46, 40.618, 55.210

36, 40.618, 55.210

26, 40.618, 55.210

16, 40.618, 55.210

6, 40.618, 55.210

0, 40.618, 55.210

76, 40.618, 55.210

76, 40.618, 55.210

72, 50.701, 54.580

80, 31.096, 55.917

68, 61.184, 53.975

84, 22.183, 56.686

65, 71.650, 53.284

89, 13.865, 57.506

62, 81.199, 52.220

93, 6.102, 58.332

59, 88.457, 50.346

98, 1.157, 239.799

59, 89.537, 50.053

99, 3.106, 199.422

Harmonies

Complementary

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



76, 40.618, 55.210



78, 30.955, 246.814

Rectangle

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



76, 40.618, 55.210



76, 40.618, 105.210



76, 40.618, 235.210



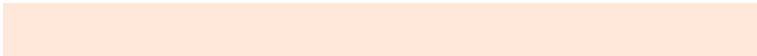
76, 40.618, 285.210

Sweetspot

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



76, 40.617, 55.215



93, 11.520, 57.786



69, 58.067, 340.487



49, 7.917, 57.609



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, 40.617, 55.215



75, 51.821, 54.595



90, 51.669, 97.740



49, 4.142, 58.244



45, 72.180, 50.697



12, 25.378, 47.923

Inverse Universe

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



78, 30.955, 246.814



78, 37.028, 249.525



63, 56.525, 291.053



49, 3.966, 240.204



48, 43.112, 266.690



14, 17.577, 258.645

Previews

White Background



This preview shows how the CIELCh color 76, 40.618, 55.210 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, 40.618, 55.210 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, 40.618, 55.210

Background



This preview shows how black text looks on a background with the CIELCh color 76, 40.618, 55.210.



This preview shows how white text looks on a background with the CIELCh color 76, 40.618, 55.210.

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](#).

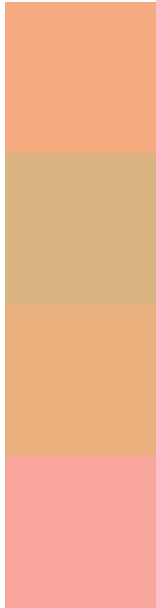
Dichromacy





Tritanopia
76, 34.050, 11.910

Trichromacy



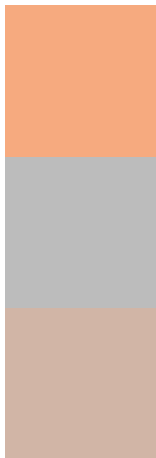
Original Color
76, 40.618, 55.210

Protanomaly
76, 31.177, 77.774

Deuteranomaly
76, 36.709, 66.328

Tritanomaly
76, 34.076, 29.409

Monochromacy



Original Color
76, 40.618, 55.210

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 13.697, 55.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 40.618, 55.210 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(246, 170, 127)` looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 170, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 170, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 40.618, 55.210 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(246, 170, 127) }
```

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

```
.border{ border-color:rgb(246, 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(246, 170, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 170, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 170, 127);  
box-shadow:4px 4px 4px 4px rgb(246, 170,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 40.618, 55.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 170, 127) }
```

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

```
.background{ background-color: rgb(246,  
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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