

Converting Colors

CIELCh(76, 41.130, 56.023)

Have a look what the booklet for
CIELCh(76, 41.130, 56.023) contains.

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Color

CIELCh(76, 40.984, 55.721)

Conversions

Conversions Part 1

Format	Color
Hex	F6AA7E
RGB	246, 170, 126
RGB Percent	96%, 67%, 49%
CMY	0.0350, 0.3331, 0.5056
CMYK	0.00, 0.31, 0.49, 0.04
HSL	22°, 87%, 73%
HSV	22°, 49%, 96%
XYZ	56.1879, 49.8872, 26.4270
YIQ	187.7080, 59.4200, 2.4280

Conversions

Conversions Part 2

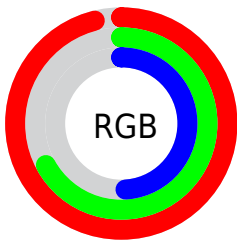
Format	Color
RYP	246, 195, 126
Decimal	16165502
CIELab	76.00, 23.08, 33.87
CIElCh	76, 40.984, 55.721
Yxy	49.8872, 0.4241, 0.3765
Android (android.graphics.Color)	4294355582 (0xFFFF6AA7E)
YUV	187.7080, -30.4220, 51.1221
Hunter-Lab	70.6309, 18.3953, 27.2579

Details

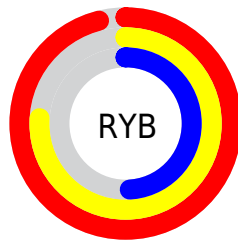
The CIELCh color **76, 40.984, 55.721** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **78, 31.297, 247.672**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 26.851, 83.134**, and **56, 41.188, 55.338** is the 20% darker color. If you saturate the color by 10%, you get **72, 51.061, 55.058**, and if you desaturate by 10%, it is **80, 31.456, 56.455**.

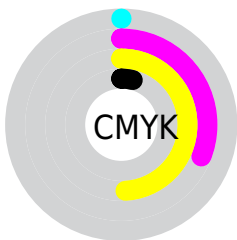
Distribution



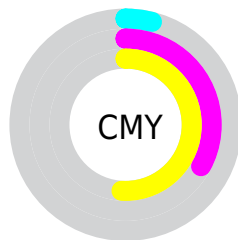
- Red (96%)
- Green (67%)
- Blue (49%)



- Red (96%)
- Yellow (76%)
- Blue (49%)



- Cyan (0%)
- Magenta (31%)
- Yellow (49%)
- Black (4%)



- Cyan (4%)
- Magenta (33%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 40.984, 55.721 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, 40.984, 55.721 by changing the saturation by 10% instead.

76, 40.984, 55.721

76, 40.984, 55.721

100, 40.984,
55.721

66, 40.984, 55.721

96, 40.984, 55.721

56, 40.984, 55.721

46, 40.984, 55.721

36, 40.984, 55.721

26, 40.984, 55.721

16, 40.984, 55.721

6, 40.984, 55.721

0, 40.984, 55.721

76, 40.984, 55.721

76, 40.984, 55.721

72, 51.061, 55.058

80, 31.456, 56.455

68, 61.518, 54.412

84, 22.529, 57.249

65, 71.922, 53.667

89, 14.193, 58.090

62, 81.349, 52.530

93, 6.408, 58.940

59, 88.471, 50.588

97, 0.877, 240.567

59, 89.283, 50.364

99, 3.089, 199.424

Harmonies

Complementary

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



76, 40.984, 55.721



78, 31.297, 247.672

Rectangle

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



76, 40.984, 55.721



76, 40.984, 105.721



76, 40.984, 235.721



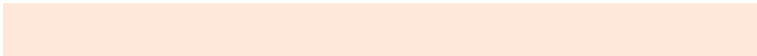
76, 40.984, 285.721

Sweetspot

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



76, 40.983, 55.726



93, 11.525, 58.412



69, 57.903, 341.376



49, 7.920, 58.230



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, 40.983, 55.726



74, 52.821, 55.036



91, 52.837, 98.679



49, 4.145, 58.881



45, 71.968, 51.014



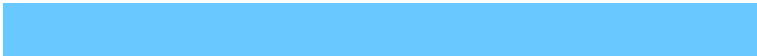
12, 25.326, 48.398

Inverse Universe

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



78, 31.297, 247.672



77, 37.719, 250.617



62, 58.228, 291.934



49, 3.972, 240.876



48, 43.556, 267.515



13, 17.715, 259.470

Previews

White Background



This preview shows how the CIELCh color 76, 40.984, 55.721 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, 40.984, 55.721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

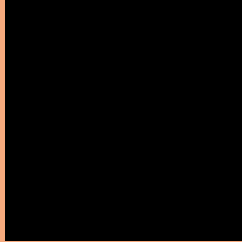
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 40.984, 55.721

Background



This preview shows how black text looks on a background with the CIELCh color 76, 40.984, 55.721.



This preview shows how white text looks on a background with the CIELCh color 76, 40.984, 55.721.

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, 40.984, 55.721

Protanopia

76, 29.835, 96.220

Deuteranopia

76, 35.889, 75.146



Tritanopia
76, 34.499, 11.219

Trichromacy



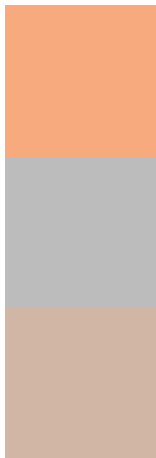
Original Color
76, 40.984, 55.721

Protanomaly
76, 31.649, 78.165

Deuteranomaly
76, 37.133, 66.780

Tritanomaly
76, 34.076, 29.409

Monochromacy



Original Color
76, 40.984, 55.721

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 14.042, 57.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 40.984, 55.721 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, 126)` looks like.

```
.text, #text, p{  
    color:rgb(246, 170, 126)  
}
```

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, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 170, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 40.984, 55.721 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, 126) }
```

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

```
.border{ border-color:rgb(246, 170, 126) }
```

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, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 170, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 170, 126);  
box-shadow:4px 4px 4px 4px rgb(246, 170,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 40.984, 55.721 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, 126) }
```

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

```
.background{ background-color: rgb(246,  
170, 126) }
```

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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