

Converting Colors

CIELCh(78, 41.004, 53.819)

Have a look what the booklet for
CIELCh(78, 41.004, 53.819) contains.

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Color

CIELCh(78, 41.060, 53.808)

Conversions

Conversions Part 1

Format	Color
Hex	FEAF85
RGB	254, 175, 133
RGB Percent	100%, 69%, 52%
CMY	0.0054, 0.3150, 0.4797
CMYK	0.00, 0.31, 0.48, 0.01
HSL	21°, 98%, 76%
HSV	21°, 48%, 99%
XYZ	60.2101, 53.2120, 29.1709
YIQ	193.8330, 60.5660, 3.6860

Conversions

Conversions Part 2

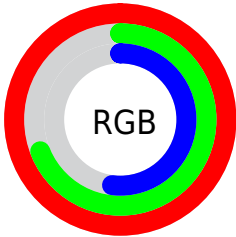
Format	Color
R _Y B	254, 197, 133
Decimal	16691077
CIE Lab	78.00, 24.25, 33.14
CIE LCh	78, 41.060, 53.808
Yxy	53.2120, 0.4223, 0.3732
Android (android.graphics.Color)	4294881157 (0xFFFEAF85)
YUV	193.8330, -29.9907, 52.7665
Hunter-Lab	72.9466, 19.6774, 27.3529

Details

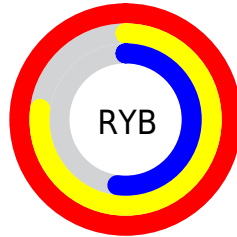
The CIELCh color **78, 41.060, 53.808** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **81, 31.048, 244.620**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 24.491, 86.044**, and **58, 40.810, 53.738** is the 20% darker color. If you saturate the color by 10%, you get **74, 51.439, 53.268**, and if you desaturate by 10%, it is **82, 31.283, 54.437**.

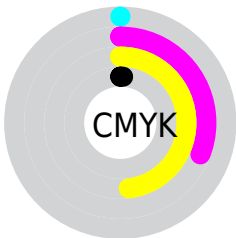
Distribution



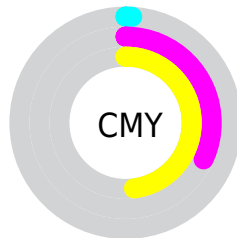
- Red (100%)
- Green (69%)
- Blue (52%)



- Red (100%)
- Yellow (77%)
- Blue (52%)



- Cyan (0%)
- Magenta (31%)
- Yellow (48%)
- Black (1%)



- Cyan (1%)
- Magenta (32%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 41.060, 53.808 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 78, 41.060, 53.808 by changing the saturation by 10% instead.

78, 41.060, 53.808

78, 41.060, 53.808

100, 41.060,
53.808

68, 41.060, 53.808

98, 41.060, 53.808

58, 41.060, 53.808

48, 41.060, 53.808

38, 41.060, 53.808

28, 41.060, 53.808

18, 41.060, 53.808

8, 41.060, 53.808

0, 41.060, 53.808

78, 41.060, 53.808

78, 41.060, 53.808

74, 51.439, 53.268

82, 31.283, 54.437

70, 62.268, 52.773

87, 22.151, 55.139

66, 73.143, 52.216

91, 13.646, 55.898

63, 83.172, 51.320

96, 5.723, 56.663

60, 90.854, 49.596

100, 0.479,
200.759

60, 92.414, 49.187

Harmonies

Complementary

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



78, 41.060, 53.808



81, 31.048, 244.620

Rectangle

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



78, 41.060, 53.808



78, 41.060, 103.808



78, 41.060, 233.808



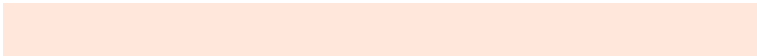
78, 41.060, 283.808

Sweetspot

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



78, 41.059, 53.813



93, 10.707, 56.185



71, 59.369, 339.601



49, 7.449, 56.016



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 41.059, 53.813



75, 50.936, 53.303



92, 51.495, 96.795



51, 4.279, 56.530



46, 74.281, 49.806



14, 27.978, 47.579

Inverse Universe

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



81, 31.048, 244.620



78, 36.092, 247.114



66, 55.879, 290.092



51, 4.088, 238.403



50, 42.871, 264.520



15, 18.325, 257.259

Previews

White Background



This preview shows how the CIELCh color 78, 41.060, 53.808 looks on a white background.

Color Contrast Check

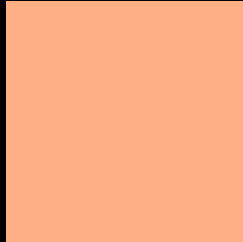
Large Text (above 18pt) WCAG AA × Fail

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 78, 41.060, 53.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

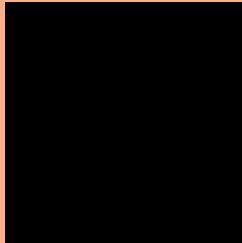
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 41.060, 53.808

Background



This preview shows how black text looks on a background with the CIELCh color 78, 41.060, 53.808.



This preview shows how white text looks on a background with the CIELCh color 78, 41.060, 53.808.

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

78, 41.060, 53.808

Protanopia

78, 28.761, 95.240

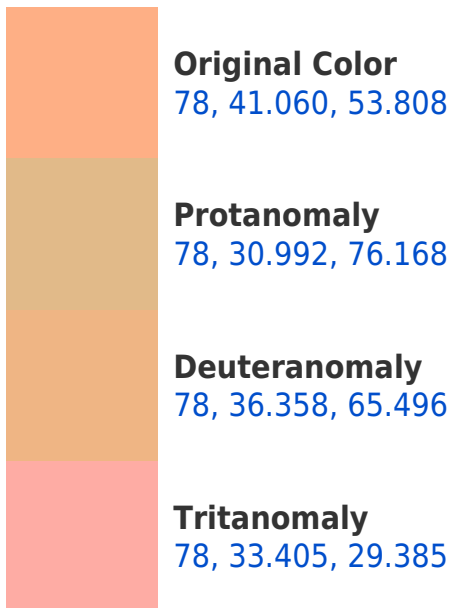
Deuteranopia

78, 35.019, 73.958

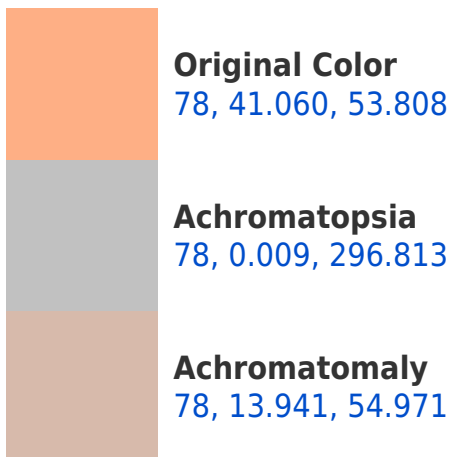


Tritanopia
78, 33.448, 11.620

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 41.060, 53.808 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(254, 175, 133)` looks like.

```
.text, #text, p{  
    color:rgb(254, 175, 133)  
}
```

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(254, 175, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 175, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 41.060, 53.808 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(254, 175, 133) }
```

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

```
.border{ border-color:rgb(254, 175, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 175, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 175, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 175, 133);  
box-shadow:4px 4px 4px 4px rgb(254, 175,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 41.060, 53.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 175, 133) }
```

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

```
.background{ background-color: rgb(254,  
175, 133) }
```

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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