

Converting Colors

CIELCh(78, 39.573, 53.358)

Have a look what the booklet for
CIELCh(78, 39.573, 53.358) contains.

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Color

CIELCh(78, 39.628, 53.348)

Conversions

Conversions Part 1

Format	Color
Hex	FCAF87
RGB	252, 175, 135
RGB Percent	99%, 69%, 53%
CMY	0.0110, 0.3130, 0.4699
CMYK	0.00, 0.31, 0.46, 0.01
HSL	21°, 95%, 76%
HSV	21°, 46%, 99%
XYZ	59.9624, 53.2120, 30.0931
YIQ	193.4630, 58.7320, 3.8840

Conversions

Conversions Part 2

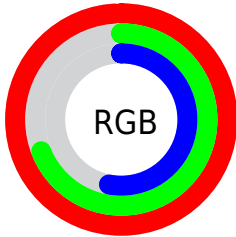
Format	Color
R _Y B	252, 196, 135
Decimal	16560007
CIE Lab	78.00, 23.66, 31.79
CIE LCh	78, 39.628, 53.348
Yxy	53.2120, 0.4185, 0.3714
Android (android.graphics.Color)	4294750087 (0xFFFC87)
YUV	193.4630, -28.8223, 51.3369
Hunter-Lab	72.9466, 19.0714, 26.6033

Details

The CIELCh color **78, 39.628, 53.348** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 30.110, 243.550**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 23.536, 85.238**, and **58, 39.662, 52.964** is the 20% darker color. If you saturate the color by 10%, you get **74, 49.915, 52.835**, and if you desaturate by 10%, it is **82, 29.958, 53.957**.

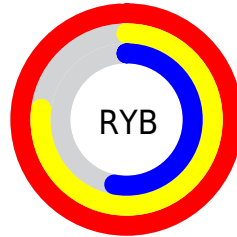
Distribution



Red (99%)

Green (69%)

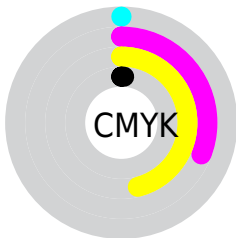
Blue (53%)



Red (99%)

Yellow (77%)

Blue (53%)

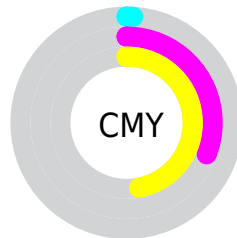


Cyan (0%)

Magenta (31%)

Yellow (46%)

Black (1%)



Cyan (1%)

Magenta (31%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 39.628, 53.348 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, 39.628, 53.348 by changing the saturation by 10% instead.

 78, 39.628, 53.348

 78, 39.628, 53.348

 100, 39.628,
53.348

 68, 39.628, 53.348

 98, 39.628, 53.348

 58, 39.628, 53.348

 48, 39.628, 53.348

 38, 39.628, 53.348

 28, 39.628, 53.348

 18, 39.628, 53.348

 8, 39.628, 53.348

 0, 39.628, 53.348

 78, 39.628, 53.348

 78, 39.628, 53.348

74, 49.915, 52.835

82, 29.958, 53.957

70, 60.687, 52.378

87, 20.937, 54.639

66, 71.588, 51.887

91, 12.540, 55.379

63, 81.811, 51.113

96, 4.722, 56.110

60, 89.864, 49.555

100, 0.976,
200.022

59, 92.281, 48.909

Harmonies

Complementary

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



78, 39.628, 53.348



82, 30.110, 243.550

Rectangle

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



78, 39.628, 53.348



78, 39.628, 103.348



78, 39.628, 233.348



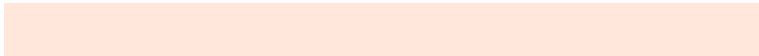
78, 39.628, 283.348

Sweetspot

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



78, 39.627, 53.353



93, 10.707, 55.560



71, 57.640, 339.470



49, 7.449, 55.397



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, 39.627, 53.353



75, 49.941, 52.853



92, 49.929, 96.950



50, 4.208, 55.897



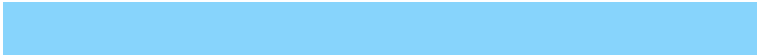
45, 73.732, 49.545



13, 26.817, 46.705

Inverse Universe

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



82, 30.110, 243.550



79, 35.449, 246.035



66, 53.998, 289.798



50, 4.018, 237.730



50, 42.006, 263.599



15, 17.647, 255.982

Previews

White Background



This preview shows how the CIELCh color 78, 39.628, 53.348 looks on a white background.

Color Contrast Check

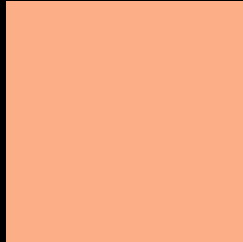
Large Text (above 18pt) WCAG AA × Fail

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, 39.628, 53.348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

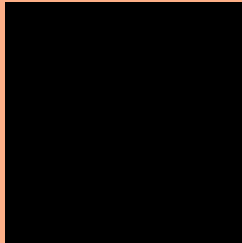
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 39.628, 53.348

Background



This preview shows how black text looks on a background with the CIELCh color 78, 39.628, 53.348.



This preview shows how white text looks on a background with the CIELCh color 78, 39.628, 53.348.

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, 39.628, 53.348

Protanopia

78, 27.132, 95.583

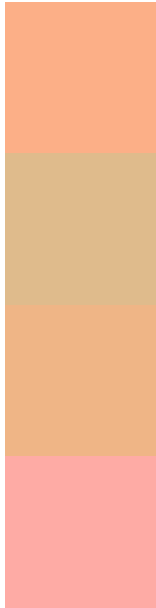
Deuteranopia

78, 34.115, 73.154



Tritanopia
78, 33.898, 10.919

Trichromacy



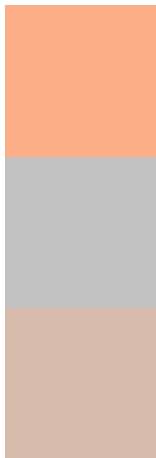
Original Color
78, 39.628, 53.348

Protanomaly
78, 29.340, 77.336

Deuteranomaly
78, 35.529, 64.523

Tritanomaly
78, 33.575, 27.621

Monochromacy



Original Color
78, 39.628, 53.348

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 13.269, 54.159

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 39.628, 53.348 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(252, 175, 135)` looks like.

```
.text, #text, p{  
    color:rgb(252, 175, 135)  
}
```

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(252, 175, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 175, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 39.628, 53.348 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(252, 175, 135) }
```

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

```
.border{ border-color:rgb(252, 175, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 175, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 175, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 175, 135);  
box-shadow:4px 4px 4px 4px rgb(252, 175,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 39.628, 53.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 175, 135) }
```

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

```
.background{ background-color: rgb(252,  
175, 135) }
```

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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