

Converting Colors

CIELCh(78, 41.240, 57.013)

Have a look what the booklet for
CIELCh(78, 41.240, 57.013) contains.

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Color

CIELCh(78, 41.028, 57.133)

Conversions

Conversions Part 1

Format	Color
Hex	FBB082
RGB	251, 176, 130
RGB Percent	98%, 69%, 51%
CMY	0.0154, 0.3095, 0.4900
CMYK	0.00, 0.30, 0.48, 0.02
HSL	23°, 94%, 75%
HSV	23°, 48%, 98%
XYZ	59.3810, 53.2120, 28.2817
YIQ	193.1810, 59.4660, 1.5940

Conversions

Conversions Part 2

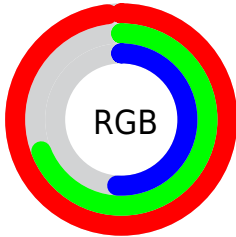
Format	Color
R _Y B	251, 204, 130
Decimal	16494722
CIE Lab	78.00, 22.27, 34.46
CIE LCh	78, 41.028, 57.133
Yxy	53.2120, 0.4215, 0.3777
Android (android.graphics.Color)	4294684802 (0xFFFBB082)
YUV	193.1810, -31.1482, 50.7073
Hunter-Lab	72.9466, 17.6487, 28.0756

Details

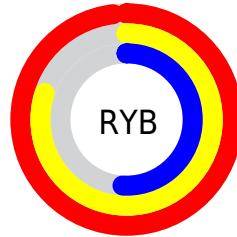
The CIELCh color **78, 41.028, 57.133** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 31.813, 249.439**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 26.733, 88.580**, and **58, 41.127, 56.799** is the 20% darker color. If you saturate the color by 10%, you get **74, 51.175, 56.381**, and if you desaturate by 10%, it is **82, 31.422, 57.946**.

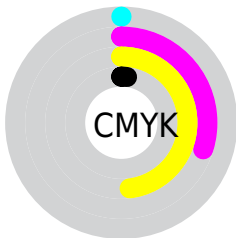
Distribution



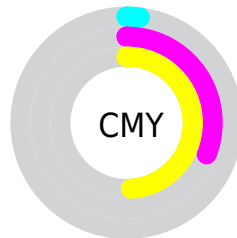
- Red (98%)
- Green (69%)
- Blue (51%)



- Red (98%)
- Yellow (80%)
- Blue (51%)



- Cyan (0%)
- Magenta (30%)
- Yellow (48%)
- Black (2%)



- Cyan (2%)
- Magenta (31%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 41.028, 57.133 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, 41.028, 57.133 by changing the saturation by 10% instead.

 78, 41.028, 57.133

 78, 41.028, 57.133

 100, 41.028,
57.133

 68, 41.028, 57.133

 98, 41.028, 57.133

 58, 41.028, 57.133

 48, 41.028, 57.133

 38, 41.028, 57.133

 28, 41.028, 57.133

 18, 41.028, 57.133

 8, 41.028, 57.133

 0, 41.028, 57.133

 78, 41.028, 57.133

 78, 41.028, 57.133

74, 51.175, 56.381

82, 31.422, 57.946

70, 61.696, 55.637

86, 22.410, 58.808

67, 72.164, 54.789

91, 13.978, 59.710

64, 81.671, 53.557

95, 6.090, 60.609

61, 88.835, 51.506

99, 1.127, 230.439

61, 89.999, 51.139

100, 1.364,
199.804

Harmonies

Complementary

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



78, 41.028, 57.133



79, 31.813, 249.439

Rectangle

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



78, 41.028, 57.133



78, 41.028, 107.133



78, 41.028, 237.133



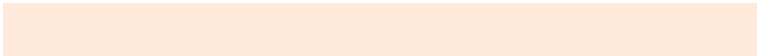
78, 41.028, 287.133

Sweetspot

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



78, 41.027, 57.138



94, 10.739, 60.092



70, 58.221, 341.319



49, 7.468, 59.895



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, 41.027, 57.138



75, 51.624, 56.392



92, 53.103, 98.738



50, 4.225, 60.497



46, 72.183, 51.806



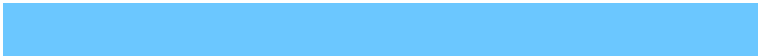
13, 26.426, 50.048

Inverse Universe

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



79, 31.813, 249.439



77, 37.678, 252.257



64, 58.432, 291.817



50, 4.056, 242.577



47, 45.212, 269.603



14, 18.676, 261.981

Previews

White Background



This preview shows how the CIELCh color 78, 41.028, 57.133 looks on a white background.

Color Contrast Check

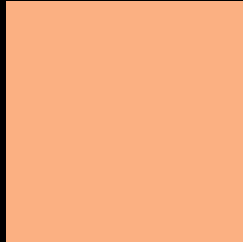
Large Text (above 18pt) WCAG AA × Fail

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, 41.028, 57.133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

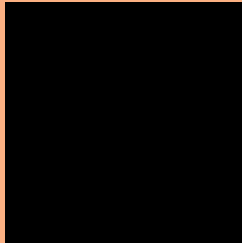
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 41.028, 57.133

Background



This preview shows how black text looks on a background with the CIELCh color 78, 41.028, 57.133.

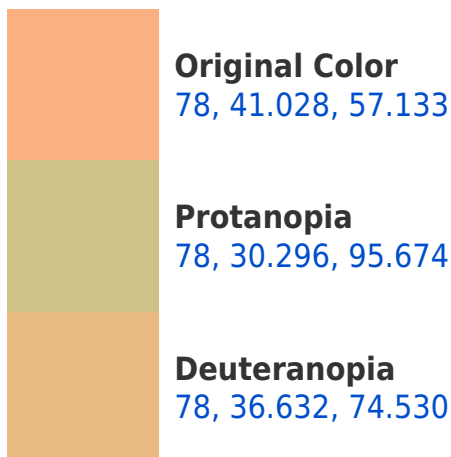


This preview shows how white text looks on a background with the CIELCh color 78, 41.028, 57.133.

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
78, 33.898, 10.919

Trichromacy



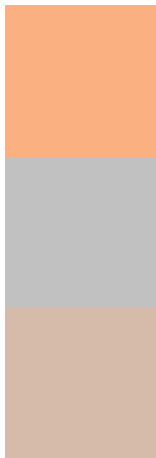
Original Color
78, 41.028, 57.133

Protanomaly
78, 32.381, 79.051

Deuteranomaly
78, 37.703, 67.787

Tritanomaly
78, 33.557, 30.246

Monochromacy



Original Color
78, 41.028, 57.133

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 13.987, 60.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 41.028, 57.133 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(251, 176, 130)` looks like.

```
.text, #text, p{  
    color:rgb(251, 176, 130)  
}
```

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(251, 176, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 176, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 41.028, 57.133 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(251, 176, 130) }
```

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

```
.border{ border-color:rgb(251, 176, 130) }
```

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

Here you see how a box with a 4 pixel rgb(251, 176, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 176, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 176, 130);  
box-shadow:4px 4px 4px 4px rgb(251, 176,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 41.028, 57.133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 176, 130) }
```

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

```
.background{ background-color: rgb(251,  
176, 130) }
```

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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