

Converting Colors

CIELCh(78, 48.717, 67.813)

Have a look what the booklet for
CIELCh(78, 48.717, 67.813) contains.

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Color

CIELCh(78, 48.861, 67.582)

Conversions

Conversions Part 1

Format	Color
Hex	F9B26D
RGB	249, 178, 109
RGB Percent	98%, 70%, 43%
CMY	0.0226, 0.3011, 0.5718
CMYK	0.00, 0.28, 0.56, 0.02
HSL	30°, 92%, 70%
HSV	30°, 56%, 98%
XYZ	57.8802, 53.2120, 21.7430
YIQ	191.3630, 64.4650, -6.4070

Conversions

Conversions Part 2

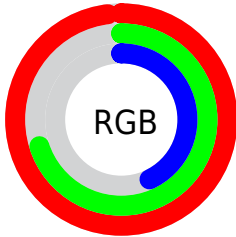
Format	Color
R _Y B	249, 245, 109
Decimal	16364141
CIE Lab	78.00, 18.63, 45.17
CIE LCh	78, 48.861, 67.582
Yxy	53.2120, 0.4357, 0.4006
Android (android.graphics.Color)	4294554221 (0xFFF9B26D)
YUV	191.3630, -40.6050, 50.5476
Hunter-Lab	72.9466, 13.9762, 33.3901

Details

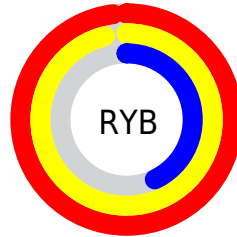
The CIELCh color **78, 48.861, 67.582** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **71, 41.083, 266.120**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 37.692, 94.366**, and **58, 48.771, 67.432** is the 20% darker color. If you saturate the color by 10%, you get **75, 58.581, 66.248**, and if you desaturate by 10%, it is **81, 39.287, 68.868**.

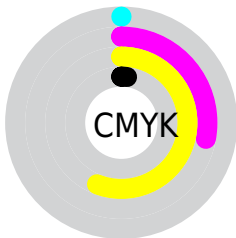
Distribution



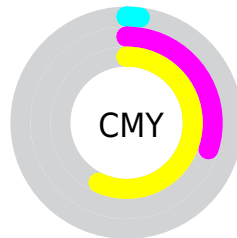
- Red (98%)
- Green (70%)
- Blue (43%)



- Red (98%)
- Yellow (96%)
- Blue (43%)



- Cyan (0%)
- Magenta (28%)
- Yellow (56%)
- Black (2%)



- Cyan (2%)
- Magenta (30%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 48.861, 67.582 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, 48.861, 67.582 by changing the saturation by 10% instead.

 78, 48.861, 67.582

 78, 48.861, 67.582

 100, 48.861,
67.582

 68, 48.861, 67.582

 98, 48.861, 67.582

 58, 48.861, 67.582

 48, 48.861, 67.582

 38, 48.861, 67.582

 28, 48.861, 67.582

 18, 48.861, 67.582

 8, 48.861, 67.582

 0, 48.861, 67.582

 78, 48.861, 67.582

 78, 48.861, 67.582

75, 58.581, 66.248

81, 39.287, 68.868

72, 68.035, 64.759

85, 30.049, 70.132

69, 76.415, 62.909

88, 21.215, 71.386

66, 82.513, 60.339

92, 12.796, 72.622

65, 84.370, 59.247

96, 4.771, 73.798

99, 1.736, 215.882

100, 2.002,
199.609

Harmonies

Complementary

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



78, 48.861, 67.582



71, 41.083, 266.120

Rectangle

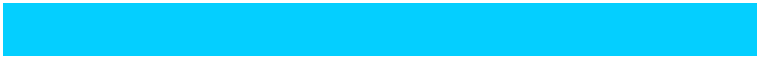
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 48.861, 67.582



78, 48.861, 117.582



78, 48.861, 247.582



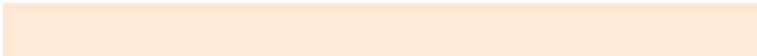
78, 48.861, 297.582

Sweetspot

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



78, 48.860, 67.586



94, 13.719, 72.520



65, 62.019, 349.043



49, 9.221, 72.273



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, 48.860, 67.586



76, 60.487, 66.123



95, 67.073, 104.101



50, 4.430, 73.425



50, 68.199, 59.947



15, 25.835, 60.928

Inverse Universe

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



71, 41.083, 266.120



68, 49.380, 269.897



54, 78.812, 298.328



50, 4.328, 255.940



41, 56.853, 283.431



11, 22.661, 276.465

Previews

White Background



This preview shows how the CIELCh color 78, 48.861, 67.582 looks on a white background.

Color Contrast Check

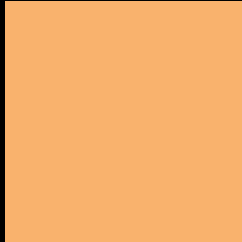
Large Text (above 18pt) WCAG AA × Fail

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, 48.861, 67.582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

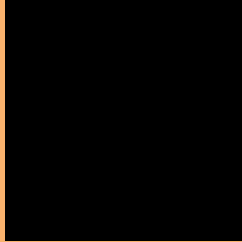
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 48.861, 67.582

Background



This preview shows how black text looks on a background with the CIELCh color 78, 48.861, 67.582.



This preview shows how white text looks on a background with the CIELCh color 78, 48.861, 67.582.

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, 48.861, 67.582

Protanopia

78, 41.637, 95.808

Deuteranopia

78, 46.544, 77.464



Tritanopia
78, 33.898, 10.919

Trichromacy



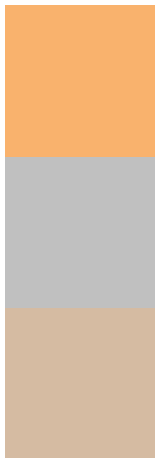
Original Color
78, 48.861, 67.582

Protanomaly
78, 42.844, 84.747

Deuteranomaly
78, 47.457, 73.850

Tritanomaly
78, 34.441, 36.152

Monochromacy



Original Color
78, 48.861, 67.582

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 16.951, 71.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 48.861, 67.582 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(249, 178, 109)` looks like.

```
.text, #text, p{  
    color:rgb(249, 178, 109)  
}
```

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(249, 178, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 178, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 48.861, 67.582 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(249, 178, 109) }
```

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

```
.border{ border-color:rgb(249, 178, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 178, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 178, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 178, 109);  
box-shadow:4px 4px 4px 4px rgb(249, 178,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 48.861, 67.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 178, 109) }
```

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

```
.background{ background-color: rgb(249,  
178, 109) }
```

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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