

Converting Colors

CIELCh(78, 30.464, 45.589)

Have a look what the booklet for
CIELCh(78, 30.464, 45.589) contains.

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Color

CIELCh(78, 30.373, 44.855)

Conversions

Conversions Part 1

Format	Color
Hex	F4B19A
RGB	244, 177, 154
RGB Percent	96%, 69%, 60%
CMY	0.0418, 0.3046, 0.3948
CMYK	0.00, 0.27, 0.37, 0.04
HSL	15°, 81%, 78%
HSV	15°, 37%, 96%
XYZ	59.0755, 53.2120, 37.8666
YIQ	194.4110, 47.3150, 7.0510

Conversions

Conversions Part 2

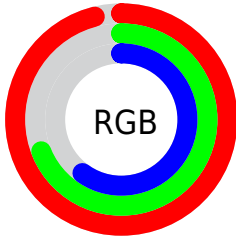
Format	Color
R _Y B	244, 185, 154
Decimal	16036250
CIE Lab	78.00, 21.53, 21.42
CIE LCh	78, 30.373, 44.855
Yxy	53.2120, 0.3934, 0.3544
Android (android.graphics.Color)	4294226330 (0xFFFF4B19A)
YUV	194.4110, -19.9226, 43.4896
Hunter-Lab	72.9466, 16.9011, 20.2851

Details

The CIELCh color **78, 30.373, 44.855** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 23.649, 229.269**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 15.287, 76.423**, and **58, 30.363, 44.568** is the 20% darker color. If you saturate the color by 10%, you get **73, 40.217, 44.827**, and if you desaturate by 10%, it is **83, 21.238, 45.041**.

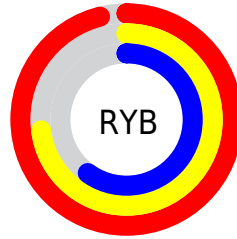
Distribution



Red (96%)

Green (69%)

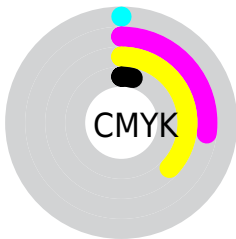
Blue (60%)



Red (96%)

Yellow (73%)

Blue (60%)

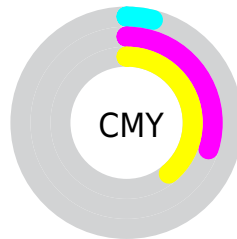


Cyan (0%)

Magenta (27%)

Yellow (37%)

Black (4%)



Cyan (4%)

Magenta (30%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 30.373, 44.855 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, 30.373, 44.855 by changing the saturation by 10% instead.

 78, 30.373, 44.855

 78, 30.373, 44.855

 100, 30.373,
44.855

 68, 30.373, 44.855

 98, 30.373, 44.855

 58, 30.373, 44.855

 48, 30.373, 44.855

 38, 30.373, 44.855

 28, 30.373, 44.855

 18, 30.373, 44.855

 8, 30.373, 44.855

 0, 30.373, 44.855

 78, 30.373, 44.855

 78, 30.373, 44.855

73, 40.217, 44.827

83, 21.238, 45.041

69, 50.741, 44.960

88, 12.795, 45.333

65, 61.805, 45.253

93, 4.996, 45.662

61, 73.056, 45.620

98, 2.219, 226.532

58, 83.672, 45.792

99, 3.679, 199.352

56, 92.032, 45.185

55, 94.257, 44.963

Harmonies

Complementary

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



78, 30.373, 44.855



85, 23.649, 229.269

Rectangle

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



78, 30.373, 44.855



78, 30.373, 94.855



78, 30.373, 224.855



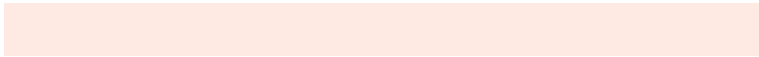
78, 30.373, 274.855

Sweetspot

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



78, 30.372, 44.861



94, 8.448, 45.531



75, 47.722, 334.917



49, 5.707, 45.484



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, 30.372, 44.861



78, 38.672, 44.820



89, 36.002, 92.657



48, 4.197, 45.583



42, 76.379, 45.456



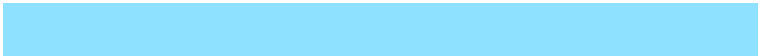
11, 26.678, 39.454

Inverse Universe

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



85, 23.649, 229.269



86, 28.384, 230.344



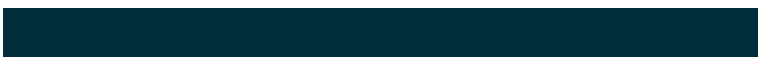
73, 37.047, 283.014



49, 3.970, 226.717



54, 36.353, 247.430



16, 15.637, 240.320

Previews

White Background



This preview shows how the CIELCh color 78, 30.373, 44.855 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, 30.373, 44.855 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, 30.373, 44.855

Background



This preview shows how black text looks on a background with the CIELCh color 78, 30.373, 44.855.



This preview shows how white text looks on a background with the CIELCh color 78, 30.373, 44.855.

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](#).

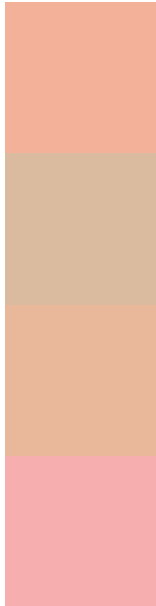
Dichromacy





Tritanopia
78, 29.174, 8.466

Trichromacy



Original Color
78, 30.373, 44.855

Protanomaly
78, 19.810, 68.469

Deuteranomaly
78, 26.220, 57.716

Tritanomaly
78, 28.016, 22.870

Monochromacy



Original Color
78, 30.373, 44.855

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 10.403, 47.350

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 30.373, 44.855 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(244, 177, 154)` looks like.

```
.text, #text, p{  
    color:rgb(244, 177, 154)  
}
```

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(244, 177, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 177, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 30.373, 44.855 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(244, 177, 154) }
```

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

```
.border{ border-color:rgb(244, 177, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 177, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 177, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 177, 154);  
box-shadow:4px 4px 4px 4px rgb(244, 177,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 30.373, 44.855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 177, 154) }
```

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

```
.background{ background-color: rgb(244,  
177, 154) }
```

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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