

Converting Colors

CIELCh(78, 29.763, 47.468)

Have a look what the booklet for
CIELCh(78, 29.763, 47.468) contains.

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Color

CIELCh(78, 29.763, 47.468)

Conversions

Conversions Part 1

Format	Color
Hex	F2B299
RGB	242, 178, 153
RGB Percent	95%, 70%, 60%
CMY	0.0497, 0.3007, 0.3988
CMYK	0.00, 0.26, 0.37, 0.05
HSL	17°, 78%, 78%
HSV	17°, 37%, 95%
XYZ	58.4912, 53.2120, 37.4563
YIQ	194.2860, 46.1690, 5.7930

Conversions

Conversions Part 2

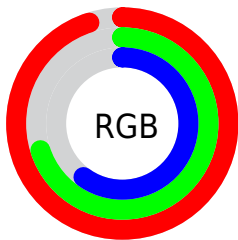
Format	Color
R _Y B	242, 188, 153
Decimal	15905433
CIE Lab	78.00, 20.12, 21.93
CIE LCh	78, 29.763, 47.468
Yxy	53.2120, 0.3921, 0.3567
Android (android.graphics.Color)	4294095513 (0xFFFF2B299)
YUV	194.2860, -20.3540, 41.8452
Hunter-Lab	72.9466, 15.4714, 20.6186

Details

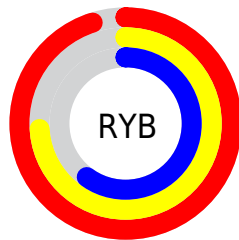
The CIELCh color **78, 29.763, 47.468** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 23.429, 232.867**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 15.967, 79.416**, and **58, 29.697, 47.265** is the 20% darker color. If you saturate the color by 10%, you get **74, 39.404, 47.264**, and if you desaturate by 10%, it is **83, 20.807, 47.809**.

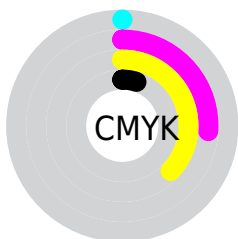
Distribution



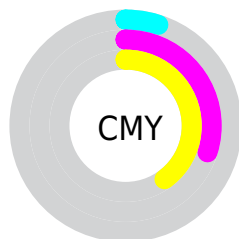
- Red (95%)
- Green (70%)
- Blue (60%)



- Red (95%)
- Yellow (74%)
- Blue (60%)



- Cyan (0%)
- Magenta (26%)
- Yellow (37%)
- Black (5%)



- Cyan (5%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 29.763, 47.468 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, 29.763, 47.468 by changing the saturation by 10% instead.

 78, 29.763, 47.468

 78, 29.763, 47.468

 100, 29.763,
47.468

 68, 29.763, 47.468

 98, 29.763, 47.468

 58, 29.763, 47.468

 48, 29.763, 47.468

 38, 29.763, 47.468

 28, 29.763, 47.468

 18, 29.763, 47.468

 8, 29.763, 47.468

 0, 29.763, 47.468

 78, 29.763, 47.468

 78, 29.763, 47.468

74, 39.404, 47.264

83, 20.807, 47.809

69, 49.706, 47.195

87, 12.518, 48.239

65, 60.536, 47.255

92, 4.847, 48.693

62, 71.551, 47.355

97, 2.265, 229.664

59, 81.951, 47.233

99, 4.367, 199.280

56, 90.185, 46.337

55, 92.469, 46.012

Harmonies

Complementary

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



78, 29.763, 47.468



83, 23.429, 232.867

Rectangle

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



78, 29.763, 47.468



78, 29.763, 97.468



78, 29.763, 227.468



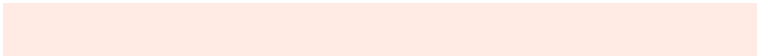
78, 29.763, 277.468

Sweetspot

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



78, 29.762, 47.474



94, 8.383, 48.507



74, 46.739, 335.598



50, 5.663, 48.443



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, 29.762, 47.474



78, 38.260, 47.306



89, 36.189, 93.833



49, 4.165, 48.577



43, 75.404, 46.528



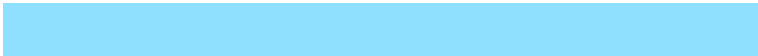
11, 26.331, 41.299

Inverse Universe

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



83, 23.429, 232.867



85, 28.435, 234.094



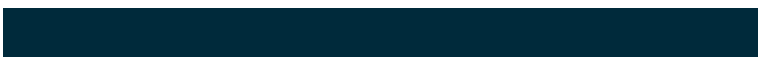
72, 37.462, 284.017



49, 3.949, 229.931



52, 37.572, 252.507



15, 15.953, 244.985

Previews

White Background



This preview shows how the CIELCh color 78, 29.763, 47.468 looks on a white background.

Color Contrast Check

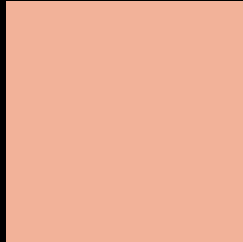
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 29.763, 47.468 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, 29.763, 47.468

Background



This preview shows how black text looks on a background with the CIELCh color 78, 29.763, 47.468.

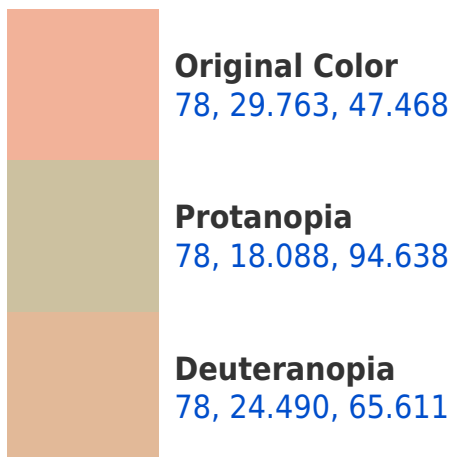


This preview shows how white text looks on a background with the CIELCh color 78, 29.763, 47.468.

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, 28.385, 7.993

Trichromacy



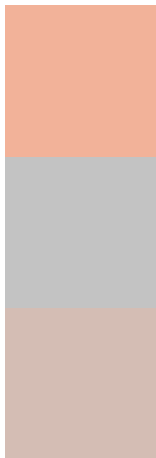
Original Color
78, 29.763, 47.468

Protanomaly
78, 20.129, 71.995

Deuteranomaly
78, 26.258, 59.070

Tritanomaly
78, 27.175, 22.819

Monochromacy



Original Color
78, 29.763, 47.468

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 10.056, 48.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 29.763, 47.468 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(242, 178, 153)` looks like.

```
.text, #text, p{  
    color:rgb(242, 178, 153)  
}
```

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(242, 178, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 178, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 29.763, 47.468 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(242, 178, 153) }
```

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

```
.border{ border-color:rgb(242, 178, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 178, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 178, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 178, 153);  
box-shadow:4px 4px 4px 4px rgb(242, 178,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 29.763, 47.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 178, 153) }
```

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

```
.background{ background-color: rgb(242,  
178, 153) }
```

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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