

Converting Colors

CIELCh(76, 31.026, 26.375)

Have a look what the booklet for
CIELCh(76, 31.026, 26.375) contains.

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Color

CIELCh(76, 31.117, 26.941)

Conversions

Conversions Part 1

Format	Color
Hex	F5A8A3
RGB	245, 168, 163
RGB Percent	96%, 66%, 64%
CMY	0.0405, 0.3423, 0.3619
CMYK	0.00, 0.31, 0.33, 0.04
HSL	4°, 80%, 80%
HSV	4°, 33%, 96%
XYZ	58.0794, 49.8872, 41.0843
YIQ	190.4530, 47.4970, 14.7690

Conversions

Conversions Part 2

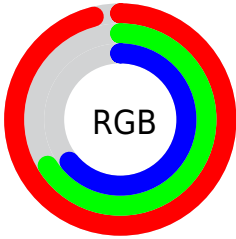
Format	Color
R _Y B	245, 168, 163
Decimal	16099491
CIE Lab	76.00, 27.74, 14.10
CIE LCh	76, 31.117, 26.941
Yxy	49.8872, 0.3897, 0.3347
Android (android.graphics.Color)	4294289571 (0xFFF5A8A3)
YUV	190.4530, -13.5343, 47.8377
Hunter-Lab	70.6309, 23.1755, 14.9541

Details

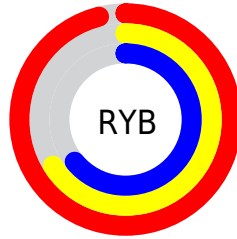
The CIELCh color **76, 31.117, 26.941** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90, 24.432, 204.029**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.885, 35.154**, and **56, 31.325, 27.062** is the 20% darker color. If you saturate the color by 10%, you get **70, 41.963, 28.151**, and if you desaturate by 10%, it is **82, 20.968, 26.046**.

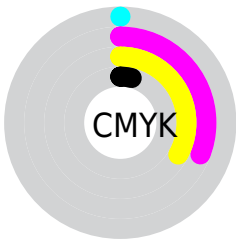
Distribution



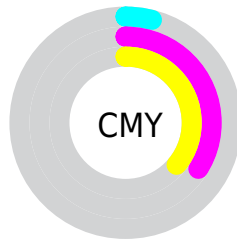
- Red (96%)
- Green (66%)
- Blue (64%)



- Red (96%)
- Yellow (66%)
- Blue (64%)



- Cyan (0%)
- Magenta (31%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (34%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 31.117, 26.941 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 76, 31.117, 26.941 by changing the saturation by 10% instead.


 76, 31.117, 26.941

 76, 31.117, 26.941


 100, 31.117,
26.941

 66, 31.117, 26.941

 96, 31.117, 26.941

 56, 31.117, 26.941

 46, 31.117, 26.941

 36, 31.117, 26.941

 26, 31.117, 26.941

 16, 31.117, 26.941

 6, 31.117, 26.941

 0, 31.117, 26.941

 76, 31.117, 26.941

 76, 31.117, 26.941

70, 41.963, 28.151

82, 20.968, 26.046

65, 53.393, 29.746

88, 11.560, 25.367

61, 65.175, 31.805

94, 2.876, 24.723

57, 76.929, 34.332

99, 3.566, 199.365

54, 87.965, 37.115

52, 96.786, 39.449

51, 100.580,
40.473

Harmonies

Complementary

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



76, 31.117, 26.941



90, 24.432, 204.029

Rectangle

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



76, 31.117, 26.941



76, 31.117, 76.941



76, 31.117, 206.941



76, 31.117, 256.941

Sweetspot

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



76, 31.115, 26.946



94, 8.730, 25.163



77, 49.907, 327.692



49, 5.990, 25.245



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 31.115, 26.946



75, 39.403, 27.700



86, 28.019, 76.246



48, 4.789, 25.133



39, 81.704, 40.639



9, 29.746, 28.247

Inverse Universe

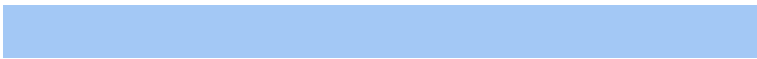
The Inverse Universe completely reimagines the original color for something new.



90, 24.432, 204.029



92, 29.272, 203.990



79, 26.244, 266.204



50, 4.503, 204.581



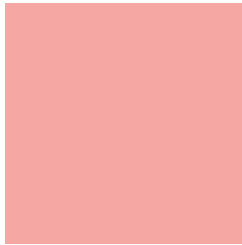
65, 36.549, 206.681



20, 16.400, 205.214

Previews

White Background



This preview shows how the CIELCh color 76, 31.117, 26.941 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 76, 31.117, 26.941 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 76, 31.117, 26.941

Background



This preview shows how black text looks on a background with the CIELCh color 76, 31.117, 26.941.

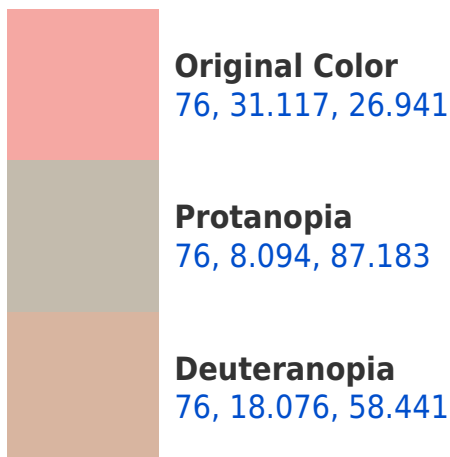


This preview shows how white text looks on a background with the CIELCh color 76, 31.117, 26.941.

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
76, 32.110, 10.071

Trichromacy



Original Color
76, 31.117, 26.941



Protanomaly
76, 14.275, 44.591



Deuteranomaly
76, 21.759, 42.371



Tritanomaly
76, 31.610, 16.561

Monochromacy



Original Color
76, 31.117, 26.941



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 10.780, 25.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 31.117, 26.941 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(245, 168, 163)` looks like.

```
.text, #text, p{  
    color:rgb(245, 168, 163)  
}
```

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(245, 168, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 168, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 31.117, 26.941 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(245, 168, 163) }
```

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

```
.border{ border-color:rgb(245, 168, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 168, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 168, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 168, 163); box-shadow:4px 4px 4px 4px rgb(245, 168, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 31.117, 26.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 168, 163) }
```

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

```
.background{ background-color: rgb(245,  
168, 163) }
```

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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