

Converting Colors

CIELCh(76, 28.254, 51.069)

Have a look what the booklet for
CIELCh(76, 28.254, 51.069) contains.

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Color

CIELCh(76, 28.277, 51.359)

Conversions

Conversions Part 1

Format	Color
Hex	E9AF94
RGB	233, 175, 148
RGB Percent	91%, 69%, 58%
CMY	0.0879, 0.3152, 0.4211
CMYK	0.00, 0.25, 0.37, 0.09
HSL	19°, 65%, 75%
HSV	19°, 37%, 91%
XYZ	54.0365, 49.8872, 34.6414
YIQ	189.2640, 43.2350, 3.8990

Conversions

Conversions Part 2

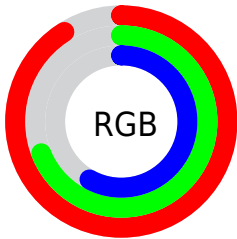
Format	Color
R _Y B	233, 188, 148
Decimal	15314836
CIE Lab	76.00, 17.66, 22.09
CIE LCh	76, 28.277, 51.359
Yxy	49.8872, 0.3900, 0.3600
Android (android.graphics.Color)	4293504916 (0xFFE9AF94)
YUV	189.2640, -20.3432, 38.3565
Hunter-Lab	70.6309, 12.9581, 20.3625

Details

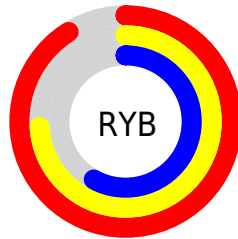
The CIELCh color **76, 28.277, 51.359** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 22.698, 238.054**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 17.503, 77.652**, and **56, 28.524, 50.883** is the 20% darker color. If you saturate the color by 10%, you get **72, 37.421, 50.912**, and if you desaturate by 10%, it is **80, 19.762, 51.915**.

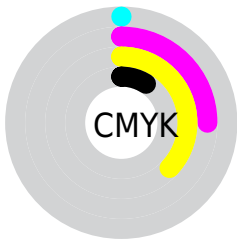
Distribution



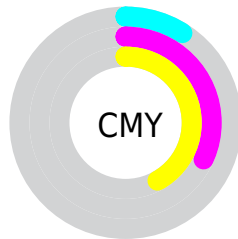
- Red (91%)
- Green (69%)
- Blue (58%)



- Red (91%)
- Yellow (74%)
- Blue (58%)



- Cyan (0%)
- Magenta (25%)
- Yellow (37%)
- Black (9%)



- Cyan (9%)
- Magenta (32%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 28.277, 51.359 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, 28.277, 51.359 by changing the saturation by 10% instead.

 76, 28.277, 51.359

 76, 28.277, 51.359

 100, 28.277,
51.359

 66, 28.277, 51.359

 96, 28.277, 51.359

 56, 28.277, 51.359

 46, 28.277, 51.359

 36, 28.277, 51.359

 26, 28.277, 51.359

 16, 28.277, 51.359

 6, 28.277, 51.359

 0, 28.277, 51.359

 76, 28.277, 51.359

 76, 28.277, 51.359

72, 37.421, 50.912

80, 19.762, 51.915

68, 47.171, 50.564

85, 11.855, 52.535

64, 57.406, 50.303

89, 4.511, 53.158

61, 67.804, 50.041

94, 2.324, 234.260

58, 77.625, 49.530

98, 7.314, 203.217

55, 85.468, 48.269

98, 7.662, 199.007

54, 87.827, 47.801

Harmonies

Complementary

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



76, 28.277, 51.359



80, 22.698, 238.054

Rectangle

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



76, 28.277, 51.359



76, 28.277, 101.359



76, 28.277, 231.359



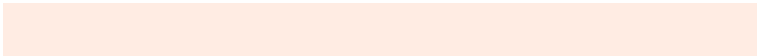
76, 28.277, 281.359

Sweetspot

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



76, 28.276, 51.365



95, 8.330, 52.887



71, 43.468, 337.752



50, 5.625, 52.800



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, 28.276, 51.365



79, 37.797, 51.007



87, 36.419, 97.130



47, 3.997, 52.986



42, 72.376, 48.357



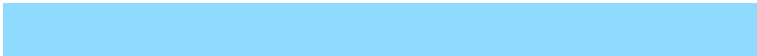
10, 23.345, 42.928

Inverse Universe

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



80, 22.698, 238.054



84, 28.715, 239.508



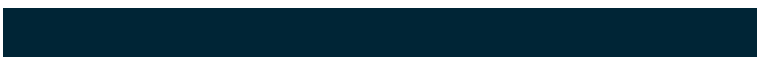
68, 38.310, 286.817



47, 3.806, 234.632



49, 38.955, 259.268



13, 15.541, 250.494

Previews

White Background



This preview shows how the CIELCh color 76, 28.277, 51.359 looks on a white background.

Color Contrast Check

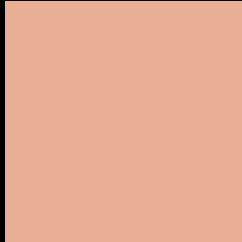
Large Text (above 18pt) WCAG AA × Fail

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 76, 28.277, 51.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

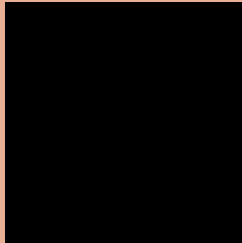
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 28.277, 51.359

Background



This preview shows how black text looks on a background with the CIELCh color 76, 28.277, 51.359.

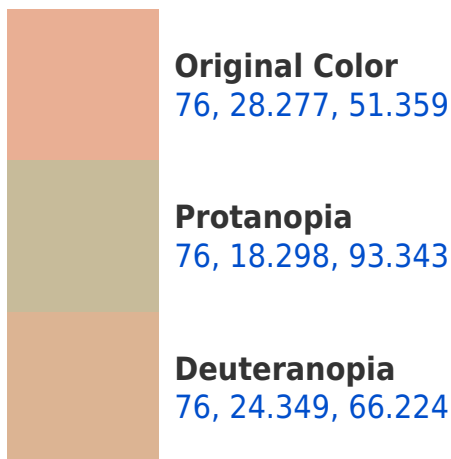



This preview shows how white text looks on a background with the CIELCh color 76, 28.277, 51.359.

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](#).

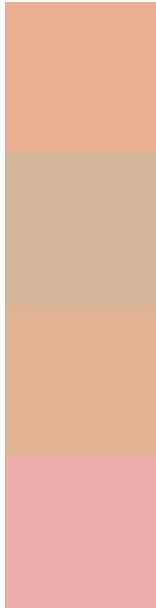
Dichromacy





Tritanopia
76, 26.229, 6.556

Trichromacy



Original Color
76, 28.277, 51.359

Protanomaly
76, 20.019, 72.828

Deuteranomaly
76, 25.775, 60.144

Tritanomaly
76, 24.955, 23.970

Monochromacy



Original Color
76, 28.277, 51.359

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 9.730, 53.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 28.277, 51.359 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(233, 175, 148)` looks like.

```
.text, #text, p{  
    color:rgb(233, 175, 148)  
}
```

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(233, 175, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 175, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 28.277, 51.359 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(233, 175, 148) }
```

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

```
.border{ border-color:rgb(233, 175, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 175, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 175, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 175, 148);  
box-shadow:4px 4px 4px 4px rgb(233, 175,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 28.277, 51.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 175, 148) }
```

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

```
.background{ background-color: rgb(233,  
175, 148) }
```

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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