

Converting Colors

CIELCh(76, 22.807, 31.953)

Have a look what the booklet for
CIELCh(76, 22.807, 31.953) contains.

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Color

CIELCh(76, 22.778, 31.947)

Conversions

Conversions Part 1

Format	Color
Hex	E6AEA6
RGB	230, 174, 166
RGB Percent	90%, 68%, 65%
CMY	0.0978, 0.3174, 0.3488
CMYK	0.00, 0.24, 0.28, 0.10
HSL	8°, 56%, 78%
HSV	8°, 28%, 90%
XYZ	54.6930, 49.8872, 42.8537
YIQ	189.8320, 35.9440, 9.3840

Conversions

Conversions Part 2

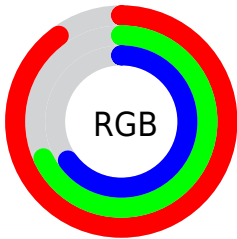
Format	Color
R _Y B	230, 175, 166
Decimal	15117990
CIE Lab	76.00, 19.33, 12.05
CIE LCh	76, 22.778, 31.947
Yxy	49.8872, 0.3710, 0.3384
Android (android.graphics.Color)	4293308070 (0xFFE6AEA6)
YUV	189.8320, -11.7492, 35.2273
Hunter-Lab	70.6309, 14.6173, 13.4688

Details

The CIELCh color **76, 22.778, 31.947** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **85, 18.700, 211.322**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 10.304, 46.503**, and **56, 22.782, 31.725** is the 20% darker color. If you saturate the color by 10%, you get **71, 32.268, 32.599**, and if you desaturate by 10%, it is **81, 13.990, 31.514**.

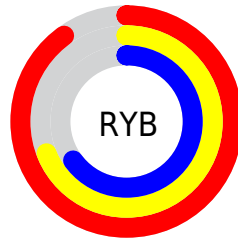
Distribution



Red (90%)

Green (68%)

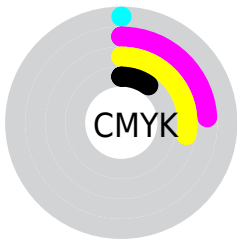
Blue (65%)



Red (90%)

Yellow (69%)

Blue (65%)

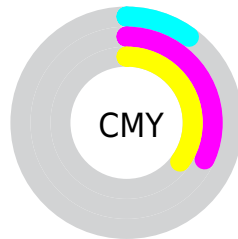


Cyan (0%)

Magenta (24%)

Yellow (28%)

Black (10%)



Cyan (10%)

Magenta (32%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 22.778, 31.947 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, 22.778, 31.947 by changing the saturation by 10% instead.

 76, 22.778, 31.947

 76, 22.778, 31.947

 100, 22.778,
31.947

 66, 22.778, 31.947

 96, 22.778, 31.947

 56, 22.778, 31.947

 46, 22.778, 31.947

 36, 22.778, 31.947

 26, 22.778, 31.947

 16, 22.778, 31.947

 6, 22.778, 31.947

 0, 22.778, 31.947

 76, 22.778, 31.947

 76, 22.778, 31.947

71, 32.268, 32.599

81, 13.990, 31.514

66, 42.443, 33.513

87, 5.888, 31.196

61, 53.204, 34.753

93, 1.577, 211.558

57, 64.346, 36.348

98, 8.355, 200.401

54, 75.459, 38.228

98, 8.498, 198.946

51, 85.666, 40.065

49, 93.244, 41.131

49, 94.636, 41.395

Harmonies

Complementary

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



76, 22.778, 31.947



85, 18.700, 211.322

Rectangle

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



76, 22.778, 31.947



76, 22.778, 81.947



76, 22.778, 211.947



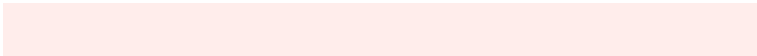
76, 22.778, 261.947

Sweetspot

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



76, 22.776, 31.954



95, 6.554, 31.203



76, 37.787, 329.430



50, 4.687, 31.250



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, 22.776, 31.954



80, 30.030, 32.270



84, 22.959, 83.272



45, 4.297, 31.247



38, 77.949, 41.668



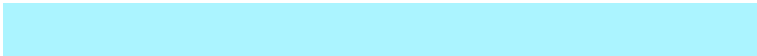
8, 24.827, 28.572

Inverse Universe

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



85, 18.700, 211.322



92, 23.599, 211.458



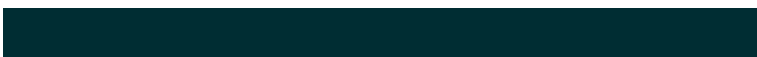
77, 22.396, 271.261



47, 4.041, 211.214



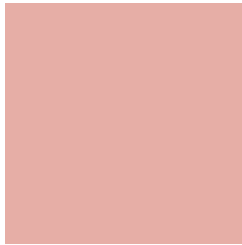
59, 33.629, 219.284



16, 14.274, 215.313

Previews

White Background



This preview shows how the CIELCh color 76, 22.778, 31.947 looks on a white background.

Color Contrast Check

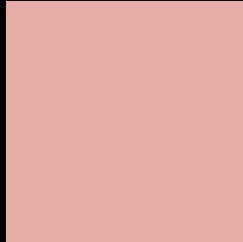
Large Text (above 18pt) WCAG AA × Fail

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, 22.778, 31.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

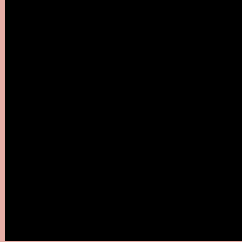
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 22.778, 31.947

Background



This preview shows how black text looks on a background with the CIELCh color 76, 22.778, 31.947.

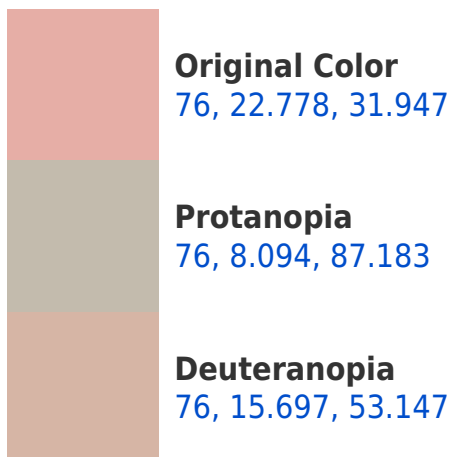


This preview shows how white text looks on a background with the CIELCh color 76, 22.778, 31.947.

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, 24.323, 5.107

Trichromacy



Original Color
76, 22.778, 31.947

Protanomaly
76, 12.044, 52.206

Deuteranomaly
76, 18.166, 43.007

Tritanomaly
76, 23.074, 14.842

Monochromacy



Original Color
76, 22.778, 31.947

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 8.155, 31.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 22.778, 31.947 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(230, 174, 166)` looks like.

```
.text, #text, p{  
    color:rgb(230, 174, 166)  
}
```

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(230, 174, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 174, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 22.778, 31.947 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(230, 174, 166) }
```

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

```
.border{ border-color:rgb(230, 174, 166) }
```

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

Here you see how a box with a 4 pixel rgb(230, 174, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 174, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 174, 166);  
box-shadow:4px 4px 4px 4px rgb(230, 174,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 22.778, 31.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 174, 166) }
```

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

```
.background{ background-color: rgb(230,  
174, 166) }
```

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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