

Converting Colors

CIELCh(76, 22.748, 23.799)

Have a look what the booklet for
CIELCh(76, 22.748, 23.799) contains.

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Color

CIELCh(76, 22.901, 24.001)

Conversions

Conversions Part 1

Format	Color
Hex	E7ADAB
RGB	231, 173, 171
RGB Percent	91%, 68%, 67%
CMY	0.0936, 0.3211, 0.3289
CMYK	0.00, 0.25, 0.26, 0.09
HSL	2°, 56%, 79%
HSV	2°, 26%, 91%
XYZ	55.3239, 49.8872, 45.3001
YIQ	190.1140, 35.2100, 11.6740

Conversions

Conversions Part 2

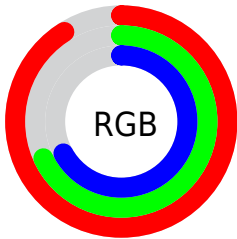
Format	Color
RYB	231, 173, 171
Decimal	15183275
CIELab	76.00, 20.92, 9.32
CIElCh	76, 22.901, 24.001
Yxy	49.8872, 0.3676, 0.3315
Android (android.graphics.Color)	4293373355 (0xFFE7ADAB)
YUV	190.1140, -9.4232, 35.8570
Hunter-Lab	70.6309, 16.2116, 11.4152

Details

The CIELCh color **76, 22.901, 24.001** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **87, 19.150, 201.314**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 9.617, 29.186**, and **56, 22.888, 23.381** is the 20% darker color. If you saturate the color by 10%, you get **70, 32.963, 25.112**, and if you desaturate by 10%, it is **82, 13.526, 23.163**.

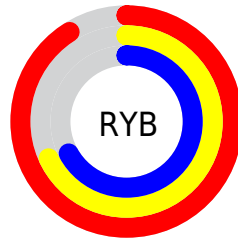
Distribution



Red (91%)

Green (68%)

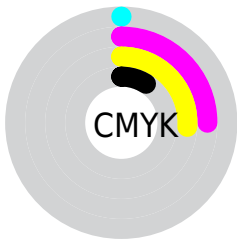
Blue (67%)



Red (91%)

Yellow (68%)

Blue (67%)

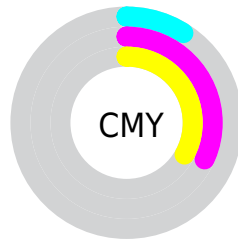


Cyan (0%)

Magenta (25%)

Yellow (26%)

Black (9%)



Cyan (9%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 22.901, 24.001 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, 22.901, 24.001 by changing the saturation by 10% instead.

76, 22.901, 24.001

76, 22.901, 24.001

100, 22.901,
24.001

66, 22.901, 24.001

96, 22.901, 24.001

56, 22.901, 24.001

46, 22.901, 24.001

36, 22.901, 24.001

26, 22.901, 24.001

16, 22.901, 24.001

6, 22.901, 24.001

0, 22.901, 24.001

76, 22.901, 24.001

76, 22.901, 24.001

70, 32.963, 25.112

82, 13.526, 23.163

65, 43.644, 26.570

88, 4.853, 22.460

60, 54.776, 28.477

94, 3.155, 202.315

56, 66.082, 30.911

98, 8.146, 198.972

53, 77.133, 33.850

50, 87.169, 36.987

49, 94.524, 39.421

48, 96.663, 40.266

Harmonies

Complementary

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



76, 22.901, 24.001



87, 19.150, 201.314

Rectangle

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



76, 22.901, 24.001



76, 22.901, 74.001



76, 22.901, 204.001



76, 22.901, 254.001

Sweetspot

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



76, 22.899, 24.007



95, 7.110, 22.609



77, 37.480, 326.784



50, 5.084, 22.712



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, 22.899, 24.007



80, 30.218, 24.544



83, 20.216, 75.605



45, 4.661, 22.705



37, 79.522, 40.349



7, 26.467, 23.457

Inverse Universe

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



87, 19.150, 201.314



94, 24.267, 201.160



79, 19.109, 262.955



47, 4.386, 201.961



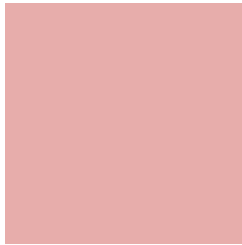
64, 36.628, 201.779



18, 15.474, 200.912

Previews

White Background



This preview shows how the CIELCh color 76, 22.901, 24.001 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, 22.901, 24.001 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, 22.901, 24.001

Background



This preview shows how black text looks on a background with the CIELCh color 76, 22.901, 24.001.

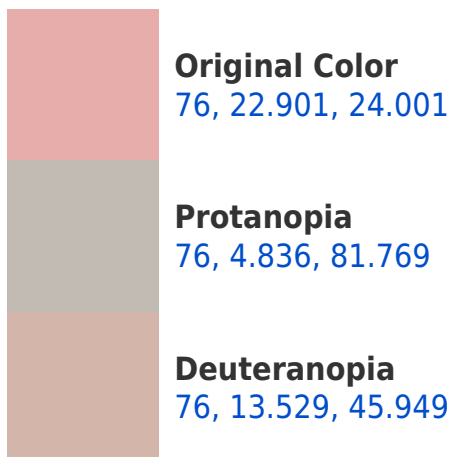


This preview shows how white text looks on a background with the CIELCh color 76, 22.901, 24.001.

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, 24.697, 5.409

Trichromacy



Original Color
76, 22.901, 24.001

Protanomaly
76, 10.162, 38.481

Deuteranomaly
76, 16.720, 35.404

Tritanomaly
76, 23.507, 12.408

Monochromacy



Original Color
76, 22.901, 24.001

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 7.982, 23.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 22.901, 24.001 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(231, 173, 171)` looks like.

```
.text, #text, p{  
    color:rgb(231, 173, 171)  
}
```

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(231, 173, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 173, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 22.901, 24.001 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(231, 173, 171) }
```

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

```
.border{ border-color:rgb(231, 173, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 173, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 173, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 173, 171);  
box-shadow:4px 4px 4px 4px rgb(231, 173,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 22.901, 24.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 173, 171) }
```

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

```
.background{ background-color: rgb(231,  
173, 171) }
```

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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