

Converting Colors

CIELCh(76, 22.240, 21.073)

Have a look what the booklet for
CIELCh(76, 22.240, 21.073) contains.

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Color

CIELCh(76, 22.314, 19.971)

Conversions

Conversions Part 1

Format	Color
Hex	E6ADAE
RGB	230, 173, 174
RGB Percent	90%, 68%, 68%
CMY	0.0972, 0.3208, 0.3169
CMYK	0.00, 0.25, 0.24, 0.10
HSL	359°, 53%, 79%
HSV	359°, 25%, 90%
XYZ	55.3442, 49.8872, 46.8594
YIQ	190.1570, 33.6510, 12.3950

Conversions

Conversions Part 2

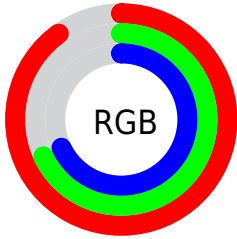
Format	Color
R _Y B	230, 173, 174
Decimal	15117742
CIE Lab	76.00, 20.97, 7.62
CIE LCh	76, 22.314, 19.971
Yxy	49.8872, 0.3639, 0.3280
Android (android.graphics.Color)	4293307822 (0xFFE6ADAE)
YUV	190.1570, -7.9654, 34.9423
Hunter-Lab	70.6309, 16.2631, 10.1063

Details

The CIELCh color **76, 22.314, 19.971** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **88, 18.988, 196.572**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 9.448, 19.999**, and **56, 22.251, 19.058** is the 20% darker color. If you saturate the color by 10%, you get **70, 32.465, 21.247**, and if you desaturate by 10%, it is **82, 12.807, 18.980**.

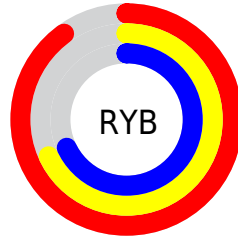
Distribution



Red (90%)

Green (68%)

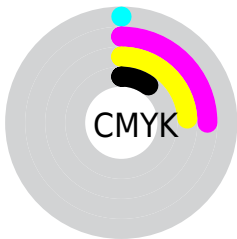
Blue (68%)



Red (90%)

Yellow (68%)

Blue (68%)

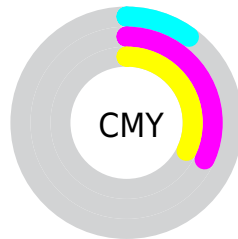


Cyan (0%)

Magenta (25%)

Yellow (24%)

Black (10%)



Cyan (10%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 22.314, 19.971 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, 22.314, 19.971 by changing the saturation by 10% instead.

76, 22.314, 19.971

76, 22.314, 19.971

100, 22.314,
19.971

66, 22.314, 19.971

96, 22.314, 19.971

56, 22.314, 19.971

46, 22.314, 19.971

36, 22.314, 19.971

26, 22.314, 19.971

16, 22.314, 19.971

6, 22.314, 19.971

0, 22.314, 19.971

76, 22.314, 19.971

76, 22.314, 19.971

70, 32.465, 21.247

82, 12.807, 18.980

65, 43.165, 22.894

88, 3.976, 18.110

60, 54.212, 25.031

95, 4.204, 197.805

55, 65.300, 27.767

98, 8.449, 198.950

52, 76.021, 31.131

50, 85.789, 34.895

48, 93.379, 38.269

48, 96.071, 39.454

Harmonies

Complementary

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



76, 22.314, 19.971



88, 18.988, 196.572

Rectangle

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



76, 22.314, 19.971



76, 22.314, 69.971



76, 22.314, 199.971



76, 22.314, 249.971

Sweetspot

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



76, 22.312, 19.977



95, 6.404, 18.319



77, 36.111, 324.846



50, 4.171, 18.371



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, 22.312, 19.977



80, 29.953, 20.623



82, 18.518, 68.771



45, 4.815, 18.524



37, 79.206, 39.255



6, 27.046, 21.041

Inverse Universe

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



76, 22.312, 19.977



80, 29.953, 20.623



81, 17.068, 255.357



45, 4.815, 18.524



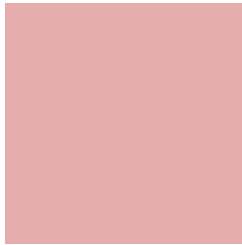
37, 79.206, 39.255



6, 27.046, 21.041

Previews

White Background



This preview shows how the CIELCh color 76, 22.314, 19.971 looks on a white background.

Color Contrast Check

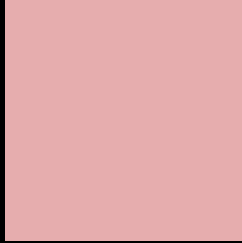
Large Text (above 18pt) WCAG AA × Fail

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, 22.314, 19.971 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, 22.314, 19.971

Background



This preview shows how black text looks on a background with the CIELCh color 76, 22.314, 19.971.



This preview shows how white text looks on a background with the CIELCh color 76, 22.314, 19.971.

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



Original Color

76, 22.314, 19.971

Protanopia

76, 3.257, 74.685

Deuteranopia

76, 12.449, 40.302



Tritanopia
76, 23.552, 4.465

Trichromacy



Original Color
76, 22.314, 19.971

Protanomaly
76, 9.324, 29.987

Deuteranomaly
76, 15.869, 30.302

Tritanomaly
76, 23.211, 9.597

Monochromacy



Original Color
76, 22.314, 19.971

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 7.949, 19.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 22.314, 19.971 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, 173, 174)` looks like.

```
.text, #text, p{  
    color:rgb(230, 173, 174)  
}
```

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, 173, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 173, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 22.314, 19.971 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, 173, 174) }
```

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

```
.border{ border-color:rgb(230, 173, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 173, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 173, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 173, 174);  
box-shadow:4px 4px 4px 4px rgb(230, 173,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 22.314, 19.971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 173, 174) }
```

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

```
.background{ background-color: rgb(230,  
173, 174) }
```

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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