

Converting Colors

CIE LCh(76, 22.011, 32.179)

Have a look what the booklet for
CIELCh(76, 22.011, 32.179) contains.

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Color

CIELCh(76, 21.946, 32.279)

Conversions

Conversions Part 1

Format	Color
Hex	E5AFA7
RGB	229, 175, 167
RGB Percent	90%, 69%, 65%
CMY	0.1035, 0.3151, 0.3465
CMYK	0.00, 0.24, 0.27, 0.10
HSL	8°, 54%, 77%
HSV	8°, 27%, 90%
XYZ	54.3883, 49.8872, 43.1460
YIQ	190.2340, 34.7520, 8.9600

Conversions

Conversions Part 2

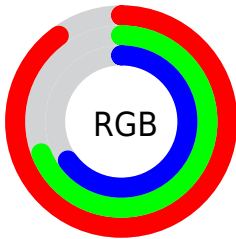
Format	Color
R _Y B	229, 176, 167
Decimal	15052711
CIE Lab	76.00, 18.55, 11.72
CIE LCh	76, 21.946, 32.279
Yxy	49.8872, 0.3689, 0.3384
Android (android.graphics.Color)	4293242791 (0xFFE5AFA7)
YUV	190.2340, -11.4544, 33.9978
Hunter-Lab	70.6309, 13.8474, 13.2234

Details

The CIELCh color **76, 21.946, 32.279** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **85, 18.122, 211.785**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 9.960, 47.453**, and **56, 21.876, 32.026** is the 20% darker color. If you saturate the color by 10%, you get **71, 31.310, 32.890**, and if you desaturate by 10%, it is **81, 13.280, 31.879**.

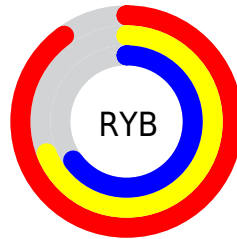
Distribution



Red (90%)

Green (69%)

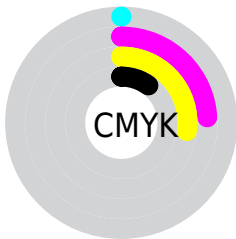
Blue (65%)



Red (90%)

Yellow (69%)

Blue (65%)

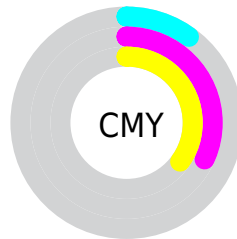


Cyan (0%)

Magenta (24%)

Yellow (27%)

Black (10%)



Cyan (10%)

Magenta (32%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 21.946, 32.279 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, 21.946, 32.279 by changing the saturation by 10% instead.

76, 21.946, 32.279

76, 21.946, 32.279

100, 21.946,
32.279

66, 21.946, 32.279

96, 21.946, 32.279

56, 21.946, 32.279

46, 21.946, 32.279

36, 21.946, 32.279

26, 21.946, 32.279

16, 21.946, 32.279

6, 21.946, 32.279

0, 21.946, 32.279

76, 21.946, 32.279

76, 21.946, 32.279

71, 31.310, 32.890

81, 13.280, 31.879

66, 41.360, 33.754

87, 5.292, 31.581

61, 52.009, 34.935

92, 2.068, 211.885

57, 63.064, 36.464

98, 8.736, 201.358

54, 74.142, 38.280

98, 8.982, 198.912

51, 84.422, 40.087

49, 92.212, 41.154

49, 94.069, 41.475

Harmonies

Complementary

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



76, 21.946, 32.279



85, 18.122, 211.785

Rectangle

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



76, 21.946, 32.279



76, 21.946, 82.279



76, 21.946, 212.279



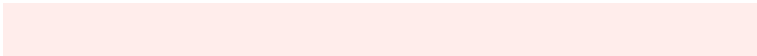
76, 21.946, 262.279

Sweetspot

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



76, 21.944, 32.286



95, 6.533, 31.611



76, 36.636, 329.386



50, 4.672, 31.655



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, 21.944, 32.286



80, 29.939, 32.626



83, 22.233, 83.369



45, 4.283, 31.652



38, 77.855, 41.749



8, 24.759, 28.812

Inverse Universe

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



85, 18.122, 211.785



92, 23.528, 211.951



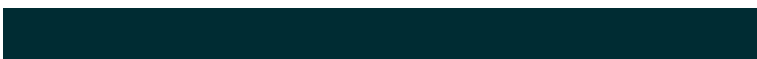
77, 21.704, 271.123



47, 4.029, 211.653



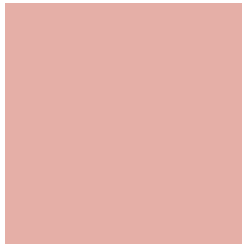
59, 33.567, 220.127



16, 14.241, 216.004

Previews

White Background



This preview shows how the CIELCh color 76, 21.946, 32.279 looks on a white background.

Color Contrast Check

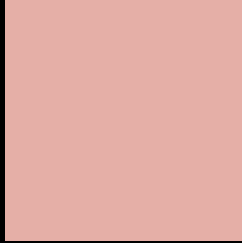
Large Text (above 18pt) WCAG AA × Fail

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, 21.946, 32.279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

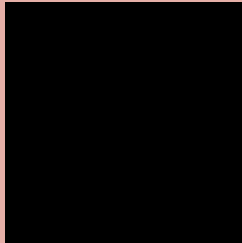
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 21.946, 32.279

Background



This preview shows how black text looks on a background with the CIELCh color 76, 21.946, 32.279.

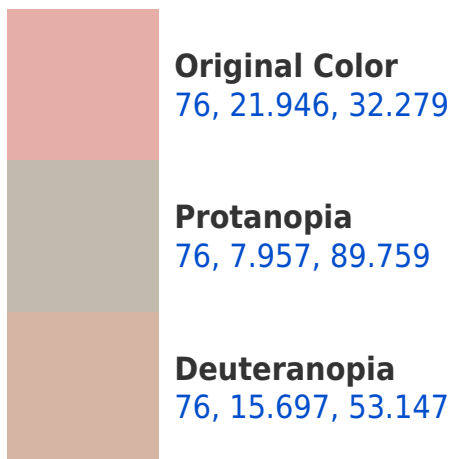


This preview shows how white text looks on a background with the CIELCh color 76, 21.946, 32.279.

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, 23.552, 4.465

Trichromacy



Original Color
76, 21.946, 32.279

Protanomaly
76, 11.363, 54.314

Deuteranomaly
76, 17.392, 43.986

Tritanomaly
76, 22.258, 14.515

Monochromacy



Original Color
76, 21.946, 32.279

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 7.668, 27.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 21.946, 32.279 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(229, 175, 167)` looks like.

```
.text, #text, p{  
    color:rgb(229, 175, 167)  
}
```

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(229, 175, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 175, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 21.946, 32.279 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(229, 175, 167) }
```

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

```
.border{ border-color:rgb(229, 175, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 175, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 175, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 175, 167); box-shadow:4px 4px 4px 4px rgb(229, 175, 167) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 21.946, 32.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 175, 167) }
```

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

```
.background{ background-color: rgb(229,  
175, 167) }
```

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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