

Converting Colors

CIELCh(76, 28.194, 22.025)

Have a look what the booklet for
CIELCh(76, 28.194, 22.025) contains.

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Color

CIELCh(76, 28.146, 21.885)

Conversions

Conversions Part 1

Format	Color
Hex	F0A9A9
RGB	240, 169, 169
RGB Percent	94%, 66%, 66%
CMY	0.0580, 0.3364, 0.3365
CMYK	0.00, 0.30, 0.30, 0.06
HSL	0°, 71%, 80%
HSV	0°, 30%, 94%
XYZ	57.4157, 49.8872, 44.2378
YIQ	190.2290, 42.3160, 15.0520

Conversions

Conversions Part 2

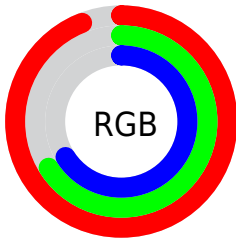
Format	Color
R _Y B	240, 169, 169
Decimal	15772073
CIE Lab	76.00, 26.12, 10.49
CIE LCh	76, 28.146, 21.885
Yxy	49.8872, 0.3789, 0.3292
Android (android.graphics.Color)	4293962153 (0xFFFF0A9A9)
YUV	190.2290, -10.4659, 43.6492
Hunter-Lab	70.6309, 21.4982, 12.3069

Details

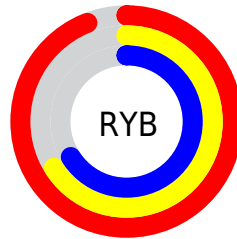
The CIELCh color **76, 28.146, 21.885** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **90, 22.964, 197.946**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.001, 22.796**, and **56, 28.081, 21.558** is the 20% darker color. If you saturate the color by 10%, you get **70, 39.034, 23.293**, and if you desaturate by 10%, it is **82, 17.921, 20.812**.

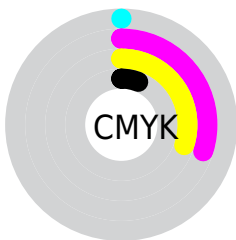
Distribution



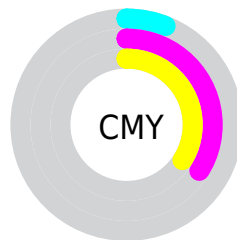
- Red (94%)
- Green (66%)
- Blue (66%)



- Red (94%)
- Yellow (66%)
- Blue (66%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (6%)



- Cyan (6%)
- Magenta (34%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 28.146, 21.885 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, 28.146, 21.885 by changing the saturation by 10% instead.

76, 28.146, 21.885

76, 28.146, 21.885

100, 28.146,
21.885

66, 28.146, 21.885

96, 28.146, 21.885

56, 28.146, 21.885

46, 28.146, 21.885

36, 28.146, 21.885

26, 28.146, 21.885

16, 28.146, 21.885

6, 28.146, 21.885

0, 28.146, 21.885

76, 28.146, 21.885

76, 28.146, 21.885

70, 39.034, 23.293

82, 17.921, 20.812

65, 50.447, 25.129

89, 8.420, 19.954

60, 62.123, 27.511

95, 0.368, 201.118

56, 73.684, 30.509

99, 5.088, 199.213

53, 84.590, 34.021

51, 93.818, 37.499

50, 99.717, 39.903

50, 99.952, 40.001

Harmonies

Complementary

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



76, 28.146, 21.885



90, 22.964, 197.946

Rectangle

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



76, 28.146, 21.885



76, 28.146, 71.885



76, 28.146, 201.885



76, 28.146, 251.885

Sweetspot

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



76, 28.144, 21.890



94, 8.299, 19.911



78, 44.978, 326.052



49, 5.801, 20.028



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, 28.144, 21.890



77, 35.688, 22.622



84, 23.517, 71.718



47, 4.992, 19.947



38, 81.701, 39.996



8, 29.834, 23.812

Inverse Universe

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



90, 22.964, 197.946



95, 27.888, 197.708



81, 21.660, 260.087



49, 4.701, 198.975



68, 39.151, 196.402



21, 17.091, 196.400

Previews

White Background



This preview shows how the CIELCh color 76, 28.146, 21.885 looks on a white background.

Color Contrast Check

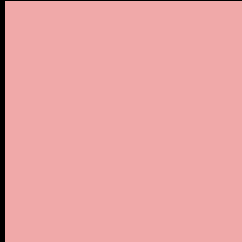
Large Text (above 18pt) WCAG AA × Fail

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, 28.146, 21.885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

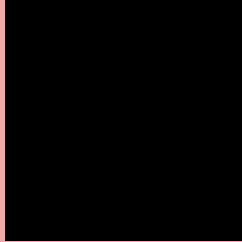
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 28.146, 21.885

Background



This preview shows how black text looks on a background with the CIELCh color 76, 28.146, 21.885.

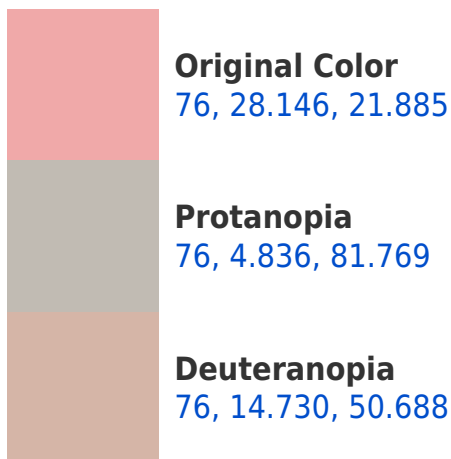


This preview shows how white text looks on a background with the CIELCh color 76, 28.146, 21.885.

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](#).

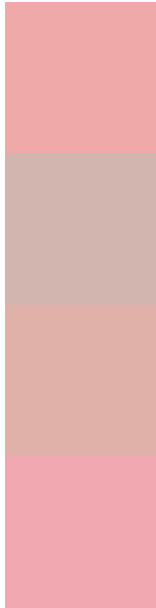
Dichromacy





Tritanopia
76, 29.357, 8.570

Trichromacy



Original Color
76, 28.146, 21.885

Protanomaly
76, 11.686, 36.143

Deuteranomaly
76, 18.882, 35.496

Tritanomaly
76, 28.752, 13.571

Monochromacy



Original Color
76, 28.146, 21.885

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 9.903, 20.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 28.146, 21.885 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(240, 169, 169)` looks like.

```
.text, #text, p{  
    color:rgb(240, 169, 169)  
}
```

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(240, 169, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 169, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 28.146, 21.885 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(240, 169, 169) }
```

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

```
.border{ border-color:rgb(240, 169, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 169, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 169, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 169, 169);  
box-shadow:4px 4px 4px 4px rgb(240, 169,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 28.146, 21.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 169, 169) }
```

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

```
.background{ background-color: rgb(240,  
169, 169) }
```

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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