

Converting Colors

CIELCh(76, 28.781, 21.938)

Have a look what the booklet for
CIELCh(76, 28.781, 21.938) contains.

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Color

CIELCh(76, 28.552, 21.921)

Conversions

Conversions Part 1

Format	Color
Hex	F1A9A9
RGB	241, 169, 169
RGB Percent	95%, 66%, 66%
CMY	0.0553, 0.3376, 0.3376
CMYK	0.00, 0.30, 0.30, 0.06
HSL	0°, 72%, 80%
HSV	0°, 30%, 94%
XYZ	57.5666, 49.8872, 44.0875
YIQ	190.5280, 42.9120, 15.2640

Conversions

Conversions Part 2

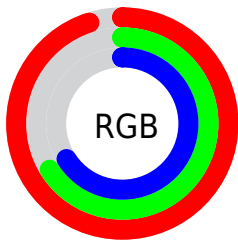
Format	Color
R _Y B	241, 169, 169
Decimal	15837609
CIE Lab	76.00, 26.49, 10.66
CIE LCh	76, 28.552, 21.921
Yxy	49.8872, 0.3799, 0.3292
Android (android.graphics.Color)	4294027689 (0xFFFF1A9A9)
YUV	190.5280, -10.6133, 44.2639
Hunter-Lab	70.6309, 21.8796, 12.4331

Details

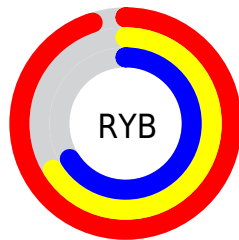
The CIELCh color **76, 28.552, 21.921** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **91, 23.238, 197.926**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.001, 22.796**, and **56, 28.514, 21.628** is the 20% darker color. If you saturate the color by 10%, you get **70, 39.486, 23.342**, and if you desaturate by 10%, it is **82, 18.280, 20.838**.

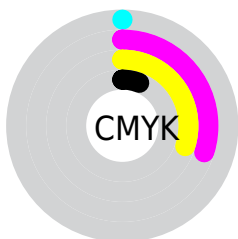
Distribution



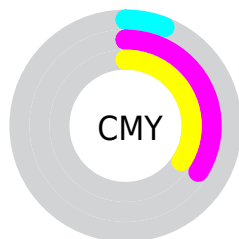
- Red (95%)
- Green (66%)
- Blue (66%)



- Red (95%)
- 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, 28.552, 21.921 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, 28.552, 21.921 by changing the saturation by 10% instead.

76, 28.552, 21.921

76, 28.552, 21.921

100, 28.552,
21.921

66, 28.552, 21.921

96, 28.552, 21.921

56, 28.552, 21.921

46, 28.552, 21.921

36, 28.552, 21.921

26, 28.552, 21.921

16, 28.552, 21.921

6, 28.552, 21.921

0, 28.552, 21.921

76, 28.552, 21.921

76, 28.552, 21.921

70, 39.486, 23.342

82, 18.280, 20.838

65, 50.939, 25.195

89, 8.734, 19.975

60, 62.644, 27.597

95, 0.098, 205.896

56, 74.220, 30.616

99, 4.856, 199.234

53, 85.116, 34.141

51, 94.279, 37.601

50, 100.104,
39.974

50, 100.168,
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, 28.552, 21.921



91, 23.238, 197.926

Rectangle

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



76, 28.552, 21.921



76, 28.552, 71.921



76, 28.552, 201.921



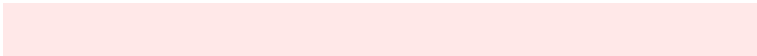
76, 28.552, 251.921

Sweetspot

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



76, 28.550, 21.926



94, 8.300, 19.907



78, 45.562, 326.069



49, 5.801, 20.024



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, 28.550, 21.926



76, 36.840, 22.762



85, 23.845, 71.677



47, 4.992, 19.942



38, 81.702, 39.996



8, 29.835, 23.809

Inverse Universe

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



91, 23.238, 197.926



95, 28.560, 197.662



81, 21.940, 260.152



49, 4.701, 198.971



68, 39.154, 196.394



21, 17.093, 196.393

Previews

White Background



This preview shows how the CIELCh color 76, 28.552, 21.921 looks on a white background.

Color Contrast Check

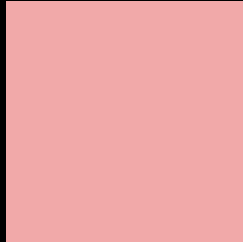
Large Text (above 18pt) WCAG AA × Fail

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, 28.552, 21.921 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, 28.552, 21.921

Background



This preview shows how black text looks on a background with the CIELCh color 76, 28.552, 21.921.

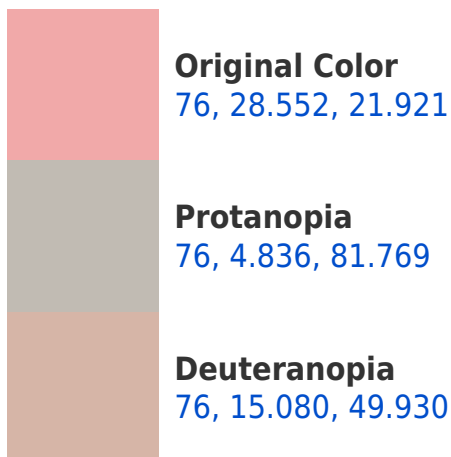



This preview shows how white text looks on a background with the CIELCh color 76, 28.552, 21.921.

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](#).

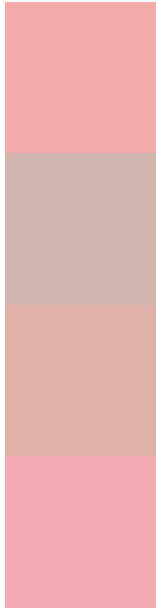
Dichromacy





Tritanopia
76, 29.740, 8.792

Trichromacy



Original Color
76, 28.552, 21.921

Protanomaly
76, 11.923, 33.225

Deuteranomaly
76, 19.276, 35.218

Tritanomaly
76, 29.147, 13.728

Monochromacy



Original Color
76, 28.552, 21.921

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 10.292, 20.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 28.552, 21.921 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(241, 169, 169)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 169, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 169, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 28.552, 21.921 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(241, 169, 169) }
```

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

```
.border{ border-color:rgb(241, 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(241, 169, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 169, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 169, 169);  
box-shadow:4px 4px 4px 4px rgb(241, 169,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 28.552, 21.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 169, 169) }
```

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

```
.background{ background-color: rgb(241,  
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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