

Converting Colors

CIELCh(76, 28.628, 22.971)

Have a look what the booklet for
CIELCh(76, 28.628, 22.971) contains.

CIELCh(76, 28.628, 22.971)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(76, 28.628, 22.971)

Conversions

Conversions Part 1

Format	Color
Hex	F1A9A8
RGB	241, 169, 168
RGB Percent	95%, 66%, 66%
CMY	0.0550, 0.3373, 0.3413
CMYK	0.00, 0.30, 0.30, 0.06
HSL	1°, 72%, 80%
HSV	1°, 30%, 94%
XYZ	57.5137, 49.8872, 43.6303
YIQ	190.4140, 43.2330, 14.9530

Conversions

Conversions Part 2

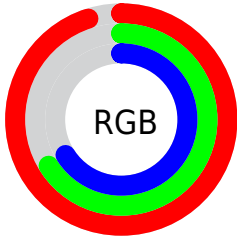
Format	Color
R _Y B	241, 169, 168
Decimal	15837608
CIE Lab	76.00, 26.36, 11.17
CIE LCh	76, 28.628, 22.971
Yxy	49.8872, 0.3808, 0.3303
Android (android.graphics.Color)	4294027688 (0xFFFF1A9A8)
YUV	190.4140, -11.0501, 44.3639
Hunter-Lab	70.6309, 21.7457, 12.8169

Details

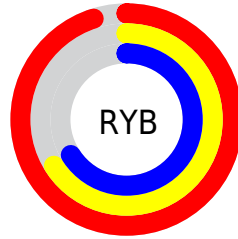
The CIELCh color **76, 28.628, 22.971** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **90, 23.186, 199.225**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.055, 25.446**, and **56, 28.605, 22.741** is the 20% darker color. If you saturate the color by 10%, you get **70, 39.483, 24.335**, and if you desaturate by 10%, it is **82, 18.445, 21.937**.

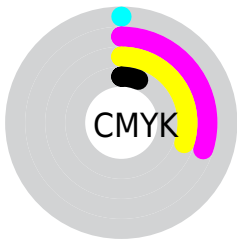
Distribution



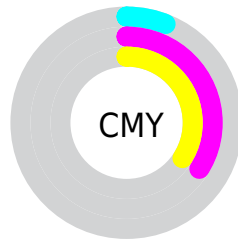
- Red (95%)
- Green (66%)
- Blue (66%)



- 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, 28.628, 22.971 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, 28.628, 22.971 by changing the saturation by 10% instead.

 76, 28.628, 22.971

 76, 28.628, 22.971

 100, 28.628,
22.971

 66, 28.628, 22.971

 96, 28.628, 22.971

 56, 28.628, 22.971

 46, 28.628, 22.971

 36, 28.628, 22.971

 26, 28.628, 22.971

 16, 28.628, 22.971

 6, 28.628, 22.971

 0, 28.628, 22.971

 76, 28.628, 22.971

 76, 28.628, 22.971

70, 39.483, 24.335

82, 18.445, 21.937

65, 50.878, 26.117

88, 8.989, 21.118

60, 62.564, 28.427

95, 0.247, 18.013

56, 74.166, 31.321

99, 4.833, 199.236

53, 85.126, 34.680

51, 94.338, 37.928

50, 100.020,
40.104

Harmonies

Complementary

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



76, 28.628, 22.971



90, 23.186, 199.225

Rectangle

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



76, 28.628, 22.971



76, 28.628, 72.971



76, 28.628, 202.971



76, 28.628, 252.971

Sweetspot

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



76, 28.626, 22.976



94, 8.187, 21.023



78, 46.187, 326.091



49, 5.722, 21.133



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, 28.626, 22.976



76, 36.391, 23.721



84, 24.201, 71.625



47, 4.925, 21.056



38, 81.511, 40.142



8, 29.532, 24.537

Inverse Universe

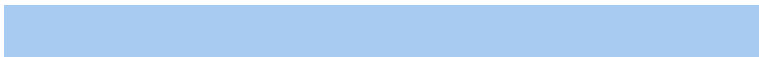
The Inverse Universe completely reimagines the original color for something new.



90, 23.186, 199.225



94, 28.147, 199.018



81, 22.239, 260.235



49, 4.636, 200.174



67, 38.400, 198.543



20, 16.808, 198.238

Previews

White Background



This preview shows how the CIELCh color 76, 28.628, 22.971 looks on a white background.

Color Contrast Check

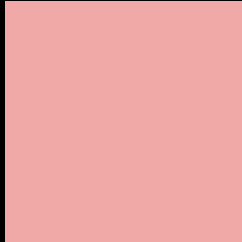
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 28.628, 22.971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

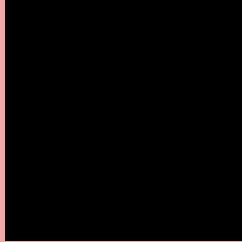
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 28.628, 22.971

Background



This preview shows how black text looks on a background with the CIELCh color 76, 28.628, 22.971.

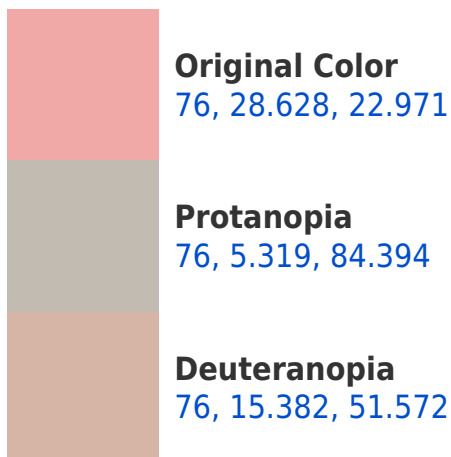



This preview shows how white text looks on a background with the CIELCh color 76, 28.628, 22.971.

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





Tritanopia
76, 29.740, 8.792

Trichromacy



Original Color
76, 28.628, 22.971

Protanomaly
76, 12.082, 35.655

Deuteranomaly
76, 19.462, 36.686

Tritanomaly
76, 29.147, 13.728

Monochromacy



Original Color
76, 28.628, 22.971

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, 28.628, 22.971 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(241, 169, 168)` looks like.

```
.text, #text, p{  
    color:rgb(241, 169, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 169, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 28.628, 22.971 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(241, 169, 168) }
```

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

```
.border{ border-color:rgb(241, 169, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 169, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 169, 168);  
box-shadow:4px 4px 4px 4px rgb(241, 169,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 28.628, 22.971 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, 168) }
```

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

```
.background{ background-color: rgb(241,  
169, 168) }
```

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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