

Converting Colors

CIELCh(76, 28.398, 19.791)

Have a look what the booklet for
CIELCh(76, 28.398, 19.791) contains.

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Color

CIELCh(76, 28.432, 19.806)

Conversions

Conversions Part 1

Format	Color
Hex	F1A9AB
RGB	241, 169, 171
RGB Percent	95%, 66%, 67%
CMY	0.0558, 0.3381, 0.3302
CMYK	0.00, 0.30, 0.29, 0.06
HSL	358°, 72%, 80%
HSV	358°, 30%, 94%
XYZ	57.6738, 49.8872, 45.0105
YIQ	190.7560, 42.2700, 15.8860

Conversions

Conversions Part 2

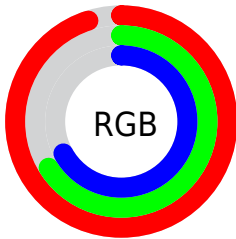
Format	Color
R _Y B	241, 169, 171
Decimal	15837611
CIE Lab	76.00, 26.75, 9.63
CIE LCh	76, 28.432, 19.806
Yxy	49.8872, 0.3780, 0.3270
Android (android.graphics.Color)	4294027691 (0xFFFF1A9AB)
YUV	190.7560, -9.7397, 44.0640
Hunter-Lab	70.6309, 22.1505, 11.6582

Details

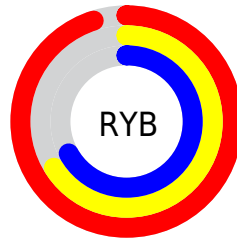
The CIELCh color **76, 28.432, 19.806** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **91, 23.389, 195.343**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 10.965, 17.446**, and **56, 28.367, 19.382** is the 20% darker color. If you saturate the color by 10%, you get **70, 39.224, 21.290**, and if you desaturate by 10%, it is **82, 18.245, 18.658**.

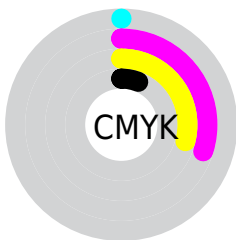
Distribution



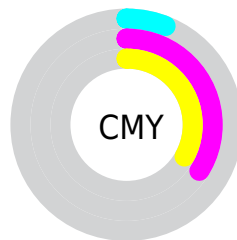
- Red (95%)
- Green (66%)
- Blue (67%)



- Red (95%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (30%)
- Yellow (29%)
- Black (6%)



- Cyan (6%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 28.432, 19.806 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, 28.432, 19.806 by changing the saturation by 10% instead.

76, 28.432, 19.806

76, 28.432, 19.806

100, 28.432,
19.806

66, 28.432, 19.806

96, 28.432, 19.806

56, 28.432, 19.806

46, 28.432, 19.806

36, 28.432, 19.806

26, 28.432, 19.806

16, 28.432, 19.806

6, 28.432, 19.806

0, 28.432, 19.806

76, 28.432, 19.806

76, 28.432, 19.806

70, 39.224, 21.290

82, 18.245, 18.658

65, 50.468, 23.205

89, 8.738, 17.729

60, 61.890, 25.677

95, 0.088, 204.260

56, 73.120, 28.793

99, 4.902, 199.230

53, 83.688, 32.497

51, 92.815, 36.344

50, 98.965, 39.165

50, 99.017, 39.186

Harmonies

Complementary

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



76, 28.432, 19.806



91, 23.389, 195.343

Rectangle

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



76, 28.432, 19.806



76, 28.432, 69.806



76, 28.432, 199.806



76, 28.432, 249.806

Sweetspot

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



76, 28.430, 19.811



94, 8.299, 17.654



78, 45.160, 325.114



49, 5.799, 17.780



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, 28.430, 19.811



76, 36.635, 20.685



84, 23.511, 68.155



47, 4.992, 17.693



38, 80.463, 38.869



8, 29.687, 22.695

Inverse Universe

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



76, 28.430, 19.811



76, 36.635, 20.685



82, 21.252, 256.339



47, 4.992, 17.693



38, 80.463, 38.869



8, 29.687, 22.695

Previews

White Background



This preview shows how the CIELCh color 76, 28.432, 19.806 looks on a white background.

Color Contrast Check

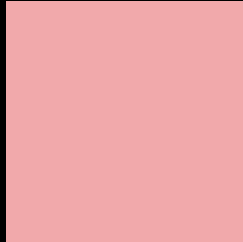
Large Text (above 18pt) WCAG AA × Fail

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, 28.432, 19.806 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, 28.432, 19.806

Background



This preview shows how black text looks on a background with the CIELCh color 76, 28.432, 19.806.



This preview shows how white text looks on a background with the CIELCh color 76, 28.432, 19.806.

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, 28.432, 19.806

Protanopia

76, 3.914, 74.580

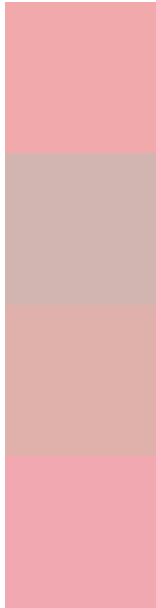
Deuteranopia

76, 14.156, 47.138



Tritanopia
76, 29.740, 8.792

Trichromacy



Original Color
76, 28.432, 19.806

Protanomaly
76, 11.675, 28.188

Deuteranomaly
76, 18.548, 32.412

Tritanomaly
76, 29.162, 12.688

Monochromacy



Original Color
76, 28.432, 19.806

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 9.887, 17.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 28.432, 19.806 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(241, 169, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 169, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 28.432, 19.806 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, 171) }
```

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

```
.border{ border-color:rgb(241, 169, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 169, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 169, 171);  
box-shadow:4px 4px 4px 4px rgb(241, 169,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 28.432, 19.806 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, 171) }
```

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

```
.background{ background-color: rgb(241,  
169, 171) }
```

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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