

Converting Colors

CIELCh(71, 22.811, 22.489)

Have a look what the booklet for
CIELCh(71, 22.811, 22.489) contains.

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Color

CIELCh(71, 22.795, 22.821)

Conversions

Conversions Part 1

Format	Color
Hex	D9A09F
RGB	217, 160, 159
RGB Percent	85%, 63%, 62%
CMY	0.1506, 0.3740, 0.3780
CMYK	0.00, 0.26, 0.27, 0.15
HSL	1°, 43%, 74%
HSV	1°, 27%, 85%
XYZ	47.2225, 42.1875, 38.2820
YIQ	176.9290, 34.2930, 11.7730

Conversions

Conversions Part 2

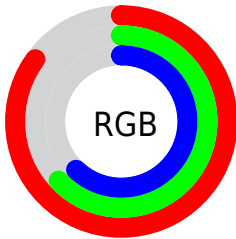
Format	Color
R _Y B	217, 160, 159
Decimal	14262431
CIE Lab	71.00, 21.01, 8.84
CIE LCh	71, 22.795, 22.821
Yxy	42.1875, 0.3698, 0.3304
Android (android.graphics.Color)	4292452511 (0xFFD9A09F)
YUV	176.9290, -8.8390, 35.1423
Hunter-Lab	64.9519, 16.1104, 10.5214

Details

The CIELCh color **71, 22.795, 22.821** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **82, 18.987, 199.707**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 14.894, 22.434**, and **51, 22.843, 22.197** is the 20% darker color. If you saturate the color by 10%, you get **66, 32.502, 24.030**, and if you desaturate by 10%, it is **77, 13.726, 21.901**.

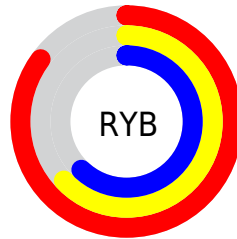
Distribution



Red (85%)

Green (63%)

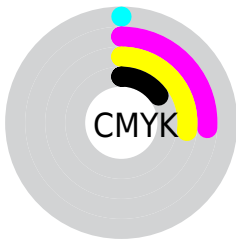
Blue (62%)



Red (85%)

Yellow (63%)

Blue (62%)

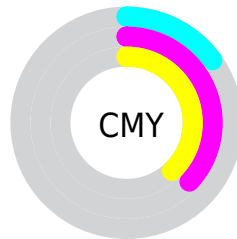


Cyan (0%)

Magenta (26%)

Yellow (27%)

Black (15%)



Cyan (15%)

Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 22.795, 22.821 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 71, 22.795, 22.821 by changing the saturation by 10% instead.

71, 22.795, 22.821

71, 22.795, 22.821

100, 22.795,
22.821

61, 22.795, 22.821

91, 22.795, 22.821

51, 22.795, 22.821

41, 22.795, 22.821

31, 22.795, 22.821

21, 22.795, 22.821

11, 22.795, 22.821

1, 22.795, 22.821

0, 22.795, 22.821

71, 22.795, 22.821

71, 22.795, 22.821

66, 32.502, 24.030

77, 13.726, 21.901

60, 42.766, 25.608

83, 5.322, 21.140

56, 53.402, 27.664

88, 2.445, 200.959

52, 64.123, 30.278

95, 9.623, 200.369

49, 74.506, 33.426

97, 12.903,
198.644

47, 83.815, 36.763

46, 90.484, 39.365

45, 92.225, 40.149

Harmonies

Complementary

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



71, 22.795, 22.821



82, 18.987, 199.707

Rectangle

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



71, 22.795, 22.821



71, 22.795, 72.821



71, 22.795, 202.821



71, 22.795, 252.821

Sweetspot

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



71, 22.793, 22.827



95, 7.223, 21.239



72, 37.060, 326.353



50, 5.164, 21.351



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 22.793, 22.827



79, 31.772, 23.452



78, 19.608, 73.819



42, 4.472, 21.338



35, 77.110, 40.111



5, 21.756, 20.600

Inverse Universe

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



82, 18.987, 199.707



95, 25.362, 199.505



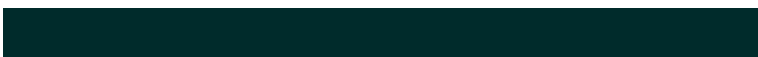
75, 18.365, 261.327



44, 4.212, 200.494



62, 36.233, 199.095



15, 14.271, 198.589

Previews

White Background



This preview shows how the CIELCh color 71, 22.795, 22.821 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 71, 22.795, 22.821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

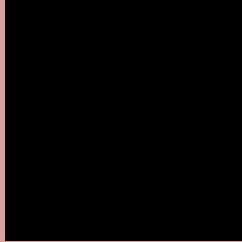
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 22.795, 22.821

Background



This preview shows how black text looks on a background with the CIELCh color 71, 22.795, 22.821.

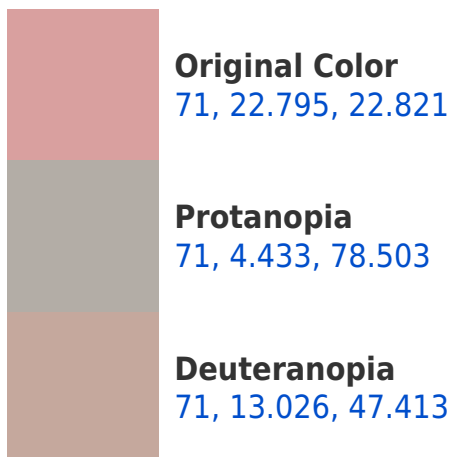


This preview shows how white text looks on a background with the CIELCh color 71, 22.795, 22.821.

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

71, 24.189, 6.247

Trichromacy



Original Color
71, 22.795, 22.821

Protanomaly
71, 10.157, 35.633

Deuteranomaly
71, 16.037, 34.306

Tritanomaly
71, 23.070, 12.197

Monochromacy



Original Color
71, 22.795, 22.821

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 7.711, 24.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 22.795, 22.821 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(217, 160, 159)` looks like.

```
.text, #text, p{  
    color:rgb(217, 160, 159)  
}
```

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(217, 160, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 160, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 22.795, 22.821 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(217, 160, 159) }
```

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

```
.border{ border-color:rgb(217, 160, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 160, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 160, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 160, 159);  
box-shadow:4px 4px 4px 4px rgb(217, 160,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 22.795, 22.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 160, 159) }
```

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

```
.background{ background-color: rgb(217,  
160, 159) }
```

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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