

Converting Colors

CIELCh(71, 22.416, 29.994)

Have a look what the booklet for
CIELCh(71, 22.416, 29.994) contains.

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Color

CIELCh(71, 22.204, 31.043)

Conversions

Conversions Part 1

Format	Color
Hex	D7A19A
RGB	215, 161, 154
RGB Percent	84%, 63%, 60%
CMY	0.1575, 0.3692, 0.3967
CMYK	0.00, 0.25, 0.28, 0.16
HSL	7°, 43%, 72%
HSV	7°, 28%, 84%
XYZ	46.5153, 42.1875, 36.1983
YIQ	176.3480, 34.4310, 9.2710

Conversions

Conversions Part 2

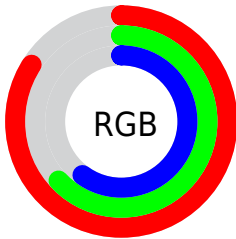
Format	Color
R _Y B	215, 162, 154
Decimal	14131610
CIE Lab	71.00, 19.02, 11.45
CIE LCh	71, 22.204, 31.043
Yxy	42.1875, 0.3724, 0.3378
Android (android.graphics.Color)	4292321690 (0xFFD7A19A)
YUV	176.3480, -11.0176, 33.8978
Hunter-Lab	64.9519, 14.1671, 12.4235

Details

The CIELCh color **71, 22.204, 31.043** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80, 18.162, 210.118**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 15.266, 36.041**, and **51, 22.240, 30.798** is the 20% darker color. If you saturate the color by 10%, you get **66, 31.275, 31.764**, and if you desaturate by 10%, it is **76, 13.795, 30.550**.

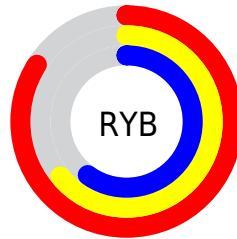
Distribution



Red (84%)

Green (63%)

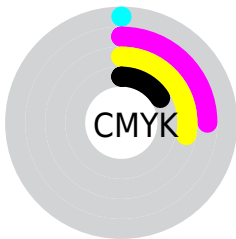
Blue (60%)



Red (84%)

Yellow (64%)

Blue (60%)

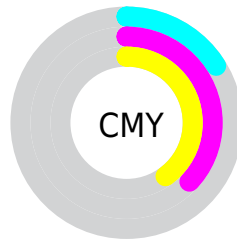


Cyan (0%)

Magenta (25%)

Yellow (28%)

Black (16%)



Cyan (16%)

Magenta (37%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 22.204, 31.043 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, 22.204, 31.043 by changing the saturation by 10% instead.

71, 22.204, 31.043

71, 22.204, 31.043

100, 22.204,
31.043

61, 22.204, 31.043

91, 22.204, 31.043

51, 22.204, 31.043

41, 22.204, 31.043

31, 22.204, 31.043

21, 22.204, 31.043

11, 22.204, 31.043

1, 22.204, 31.043

0, 22.204, 31.043

71, 22.204, 31.043

71, 22.204, 31.043

66, 31.275, 31.764

76, 13.795, 30.550

61, 40.982, 32.758

81, 6.036, 30.183

57, 51.224, 34.092

87, 1.116, 210.623

53, 61.794, 35.796

92, 7.715, 210.088

50, 72.294, 37.798

97, 13.464,
198.607

48, 81.882, 39.759

46, 89.020, 41.017

46, 90.043, 41.278

Harmonies

Complementary

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



71, 22.204, 31.043



80, 18.162, 210.118

Rectangle

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



71, 22.204, 31.043



71, 22.204, 81.043



71, 22.204, 211.043



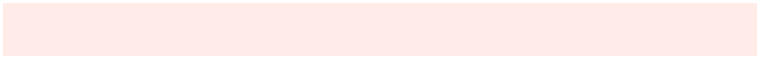
71, 22.204, 261.043

Sweetspot

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



71, 22.202, 31.049



94, 7.465, 30.208



71, 36.885, 328.922



50, 5.219, 30.259



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, 22.202, 31.049



80, 31.316, 31.444



78, 21.892, 81.707



42, 4.092, 30.219



36, 75.589, 41.497



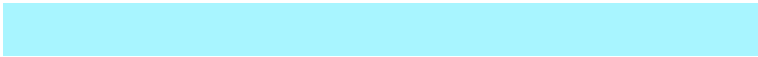
6, 20.444, 25.699

Inverse Universe

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



80, 18.162, 210.118



92, 24.402, 210.236



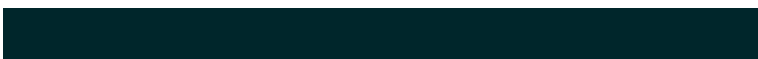
72, 21.201, 269.871



44, 3.850, 210.104



57, 32.744, 217.077



13, 13.035, 212.861

Previews

White Background



This preview shows how the CIELCh color 71, 22.204, 31.043 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 71, 22.204, 31.043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

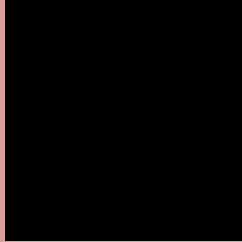
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 22.204, 31.043

Background



This preview shows how black text looks on a background with the CIELCh color 71, 22.204, 31.043.

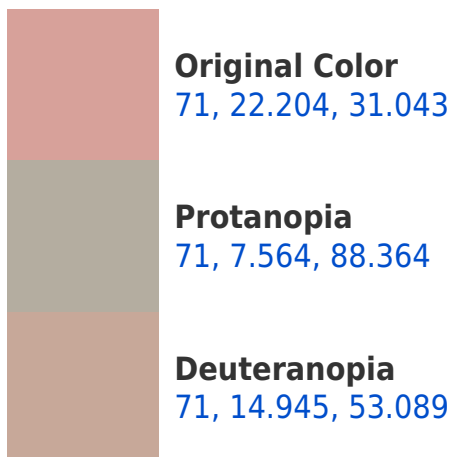


This preview shows how white text looks on a background with the CIELCh color 71, 22.204, 31.043.

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, 23.807, 5.945

Trichromacy



Original Color
71, 22.204, 31.043

Protanomaly
71, 11.243, 52.045

Deuteranomaly
71, 17.470, 42.405

Tritanomaly
71, 22.629, 14.706

Monochromacy



Original Color
71, 22.204, 31.043

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 7.794, 27.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 22.204, 31.043 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(215, 161, 154)` looks like.

```
.text, #text, p{  
    color:rgb(215, 161, 154)  
}
```

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(215, 161, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 161, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 22.204, 31.043 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(215, 161, 154) }
```

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

```
.border{ border-color:rgb(215, 161, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 161, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 161, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 161, 154);  
box-shadow:4px 4px 4px 4px rgb(215, 161,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 22.204, 31.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 161, 154) }
```

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

```
.background{ background-color: rgb(215,  
161, 154) }
```

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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