

Converting Colors

CIELCh(71, 21.875, 24.024)

Have a look what the booklet for
CIELCh(71, 21.875, 24.024) contains.

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Color

CIELCh(71, 22.053, 24.180)

Conversions

Conversions Part 1

Format	Color
Hex	D7A09E
RGB	215, 160, 158
RGB Percent	84%, 63%, 62%
CMY	0.1559, 0.3716, 0.3795
CMYK	0.00, 0.26, 0.26, 0.16
HSL	2°, 42%, 73%
HSV	2°, 26%, 84%
XYZ	46.9039, 42.1875, 38.1261
YIQ	176.2170, 33.4220, 11.0380

Conversions

Conversions Part 2

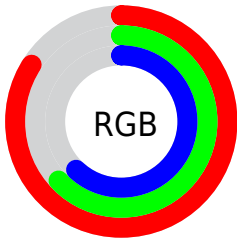
Format	Color
R _Y B	215, 160, 158
Decimal	14131358
CIE Lab	71.00, 20.12, 9.03
CIE LCh	71, 22.053, 24.180
Yxy	42.1875, 0.3687, 0.3316
Android (android.graphics.Color)	4292321438 (0xFFD7A09E)
YUV	176.2170, -8.9810, 34.0127
Hunter-Lab	64.9519, 15.2350, 10.6637

Details

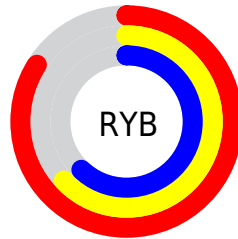
The CIELCh color **71, 22.053, 24.180** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **82, 18.379, 201.477**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 14.950, 24.400**, and **51, 22.052, 23.560** is the 20% darker color. If you saturate the color by 10%, you get **66, 31.562, 25.290**, and if you desaturate by 10%, it is **77, 13.189, 23.343**.

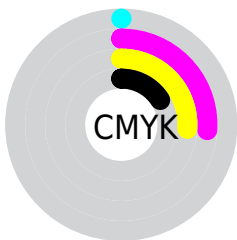
Distribution



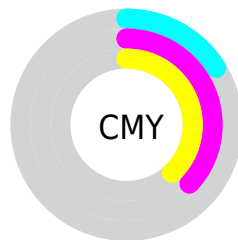
- Red (84%)
- Green (63%)
- Blue (62%)



- Red (84%)
- Yellow (63%)
- Blue (62%)



- Cyan (0%)
- Magenta (26%)
- Yellow (26%)
- Black (16%)



- Cyan (16%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 22.053, 24.180 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, 22.053, 24.180 by changing the saturation by 10% instead.

71, 22.053, 24.180

71, 22.053, 24.180

100, 22.053,
24.180

61, 22.053, 24.180

91, 22.053, 24.180

51, 22.053, 24.180

41, 22.053, 24.180

31, 22.053, 24.180

21, 22.053, 24.180

11, 22.053, 24.180

1, 22.053, 24.180

0, 22.053, 24.180

71, 22.053, 24.180

71, 22.053, 24.180

66, 31.562, 25.290

77, 13.189, 23.343

61, 41.651, 26.744

82, 4.985, 22.650

56, 52.162, 28.645

88, 2.592, 202.526

52, 62.832, 31.066

94, 9.591, 202.009

49, 73.259, 33.981

97, 13.330,
198.616

47, 82.717, 37.078

45, 89.656, 39.483

45, 91.564, 40.306

Harmonies

Complementary

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



71, 22.053, 24.180



82, 18.379, 201.477

Rectangle

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



71, 22.053, 24.180



71, 22.053, 74.180



71, 22.053, 204.180



71, 22.053, 254.180

Sweetspot

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



71, 22.051, 24.186



95, 7.098, 22.761



72, 36.089, 326.807



50, 5.075, 22.863



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, 22.051, 24.186



79, 31.263, 24.791



78, 19.484, 75.551



42, 4.395, 22.851



36, 76.865, 40.330



5, 21.506, 21.486

Inverse Universe

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



82, 18.379, 201.477



94, 24.902, 201.315



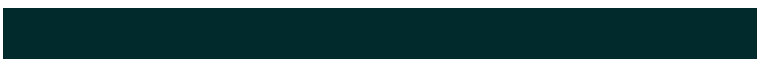
74, 18.399, 263.034



44, 4.138, 202.128



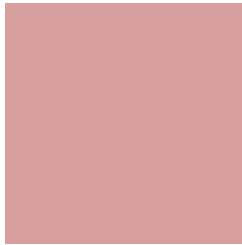
61, 35.384, 202.060



15, 13.992, 200.979

Previews

White Background



This preview shows how the CIELCh color 71, 22.053, 24.180 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, 22.053, 24.180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

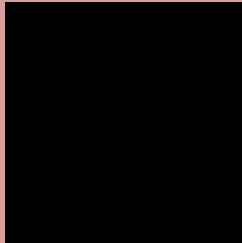
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 22.053, 24.180

Background



This preview shows how black text looks on a background with the CIELCh color 71, 22.053, 24.180.

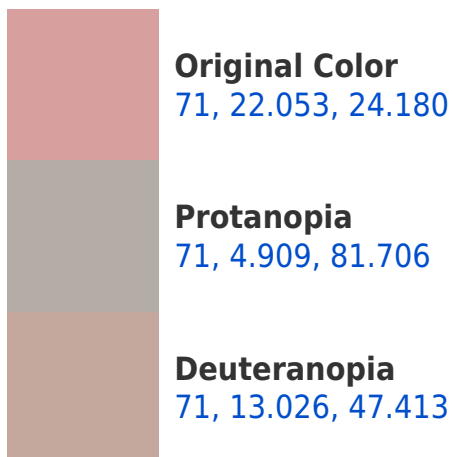



This preview shows how white text looks on a background with the CIELCh color 71, 22.053, 24.180.

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, 23.908, 4.677

Trichromacy



Original Color
71, 22.053, 24.180

Protanomaly
71, 9.772, 36.229

Deuteranomaly
71, 16.214, 36.112

Tritanomaly
71, 22.673, 11.988

Monochromacy



Original Color
71, 22.053, 24.180

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 7.686, 20.011

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 22.053, 24.180 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, 160, 158)` looks like.

```
.text, #text, p{  
    color:rgb(215, 160, 158)  
}
```

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, 160, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 160, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 22.053, 24.180 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, 160, 158) }
```

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

```
.border{ border-color:rgb(215, 160, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 160, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 160, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 160, 158);  
box-shadow:4px 4px 4px 4px rgb(215, 160,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 22.053, 24.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 160, 158) }
```

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

```
.background{ background-color: rgb(215,  
160, 158) }
```

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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