

Converting Colors

CIELCh(71, 13.710, 46.737)

Have a look what the booklet for
CIELCh(71, 13.710, 46.737) contains.

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Color

CIELCh(71, 13.775, 45.905)

Conversions

Conversions Part 1

Format	Color
Hex	C6A79C
RGB	198, 167, 156
RGB Percent	78%, 65%, 61%
CMY	0.2224, 0.3440, 0.3872
CMYK	0.00, 0.16, 0.21, 0.22
HSL	16°, 27%, 70%
HSV	16°, 21%, 78%
XYZ	43.2520, 42.1875, 37.4325
YIQ	175.0150, 22.0070, 3.1510

Conversions

Conversions Part 2

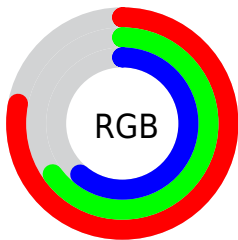
Format	Color
RYB	198, 171, 156
Decimal	13019036
CIELab	71.00, 9.59, 9.89
CIElCh	71, 13.775, 45.905
Yxy	42.1875, 0.3520, 0.3433
Android (android.graphics.Color)	4291209116 (0xFFC6A79C)
YUV	175.0150, -9.3744, 20.1578
Hunter-Lab	64.9519, 5.1989, 11.2968

Details

The CIELCh color $71, 13.775, 45.905$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $74, 12.090, 228.376$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 13.866, 46.560$, and $51, 13.883, 45.146$ is the 20% darker color. If you saturate the color by 10%, you get $67, 21.108, 45.631$, and if you desaturate by 10%, it is $75, 6.991, 46.275$.

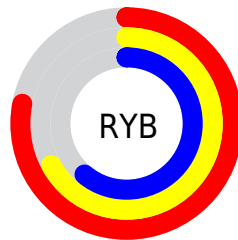
Distribution



Red (78%)

Green (65%)

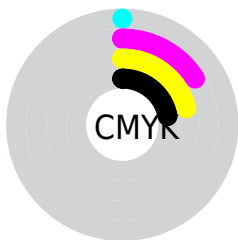
Blue (61%)



Red (78%)

Yellow (67%)

Blue (61%)

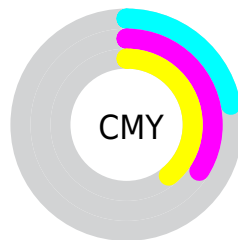


Cyan (0%)

Magenta (16%)

Yellow (21%)

Black (22%)



Cyan (22%)

Magenta (34%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 13.775, 45.905 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, 13.775, 45.905 by changing the saturation by 10% instead.

■ 71, 13.775, 45.905

■ 71, 13.775, 45.905

■ 100, 13.775,
45.905

■ 61, 13.775, 45.905

■ 91, 13.775, 45.905

■ 51, 13.775, 45.905

■ 41, 13.775, 45.905

■ 31, 13.775, 45.905

■ 21, 13.775, 45.905

■ 11, 13.775, 45.905

■ 1, 13.775, 45.905

■ 0, 13.775, 45.905

■ 71, 13.775, 45.905

■ 71, 13.775, 45.905

67, 21.108, 45.631

75, 6.991, 46.275

63, 29.024, 45.465

79, 0.712, 46.090

59, 37.526, 45.446

84, 5.114, 227.444

56, 46.562, 45.585

88, 10.537,
227.950

52, 55.971, 45.855

93, 15.521,
227.804

49, 65.359, 46.125

47, 73.851, 46.044

96, 18.626,
198.274

45, 79.931, 45.585

Harmonies

Complementary

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



71, 13.775, 45.905



74, 12.090, 228.376

Rectangle

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



71, 13.775, 45.905



71, 13.775, 95.905



71, 13.775, 225.905



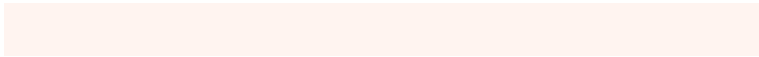
71, 13.775, 275.905

Sweetspot

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



71, 13.774, 45.915



97, 4.507, 46.442



69, 23.250, 333.735



51, 2.997, 46.425



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, 13.774, 45.915



87, 20.272, 45.784



76, 17.359, 94.689



40, 3.527, 46.340



37, 68.819, 46.017



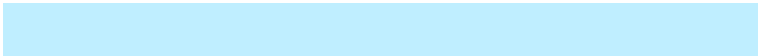
5, 13.767, 35.301

Inverse Universe

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



74, 12.090, 228.376



92, 17.284, 228.770



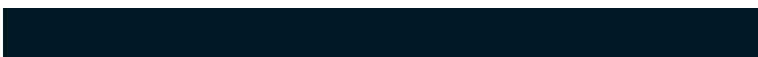
69, 17.607, 280.111



41, 3.343, 227.510



47, 33.130, 248.212



8, 11.173, 237.829

Previews

White Background



This preview shows how the CIELCh color 71, 13.775, 45.905 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, 13.775, 45.905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

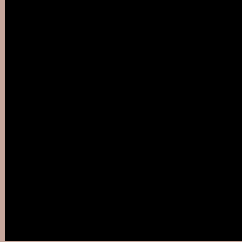
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 13.775, 45.905

Background



This preview shows how black text looks on a background with the CIELCh color 71, 13.775, 45.905.

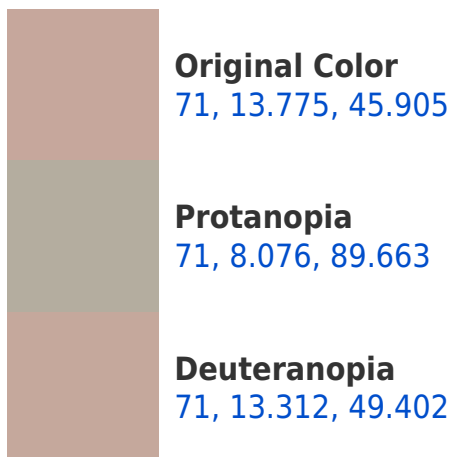



This preview shows how white text looks on a background with the CIELCh color 71, 13.775, 45.905.

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, 15.769, 354.290

Trichromacy



Original Color
71, 13.775, 45.905

Protanomaly
71, 9.471, 67.829

Deuteranomaly
71, 13.312, 49.402

Tritanomaly
71, 13.737, 11.564

Monochromacy



Original Color
71, 13.775, 45.905

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.734, 46.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 13.775, 45.905 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(198, 167, 156)` looks like.

```
.text, #text, p{  
    color:rgb(198, 167, 156)  
}
```

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(198, 167, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 167, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 13.775, 45.905 is called "border". The border property can be set on classes, ids or directly on the HTML element.

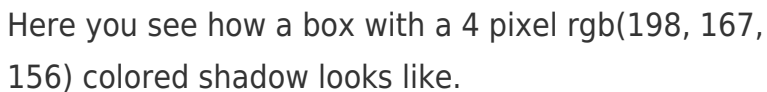
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 167, 156) }
```

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

```
.border{ border-color:rgb(198, 167, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 167, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 167, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 167, 156);  
box-shadow:4px 4px 4px 4px rgb(198, 167,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 13.775, 45.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 167, 156) }
```

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

```
.background{ background-color: rgb(198,  
167, 156) }
```

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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