

Converting Colors

CIELCh(72, 12.121, 47.209)

Have a look what the booklet for
CIELCh(72, 12.121, 47.209) contains.

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Color

CIELCh(72, 11.979, 46.940)

Conversions

Conversions Part 1

Format	Color
Hex	C6ABA1
RGB	198, 171, 161
RGB Percent	78%, 67%, 63%
CMY	0.2239, 0.3297, 0.3689
CMYK	0.00, 0.14, 0.19, 0.22
HSL	16°, 24%, 70%
HSV	16°, 19%, 78%
XYZ	44.2392, 43.6590, 39.7760
YIQ	177.9330, 19.3020, 2.6140

Conversions

Conversions Part 2

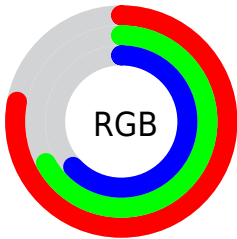
Format	Color
RYB	198, 175, 161
Decimal	13020065
CIELab	72.00, 8.18, 8.75
CIELCh	72, 11.979, 46.940
Yxy	43.6590, 0.3465, 0.3420
Android (android.graphics.Color)	4291210145 (0xFFC6ABA1)
YUV	177.9330, -8.3480, 17.5988
Hunter-Lab	66.0750, 3.8799, 10.5609

Details

The CIELCh color $72, 11.979, 46.940$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $75, 10.708, 229.263$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 11.947, 45.475$, and $52, 12.200, 48.477$ is the 20% darker color. If you saturate the color by 10%, you get $68, 19.133, 46.597$, and if you desaturate by 10%, it is $76, 5.356, 47.357$.

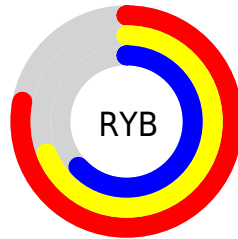
Distribution



Red (78%)

Green (67%)

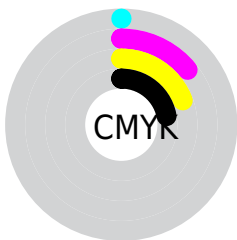
Blue (63%)



Red (78%)

Yellow (69%)

Blue (63%)

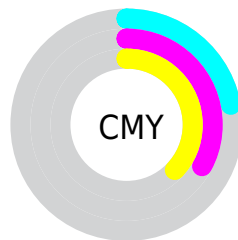


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (22%)



Cyan (22%)

Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 11.979, 46.940 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 72, 11.979, 46.940 by changing the saturation by 10% instead.

■ 72, 11.979, 46.940

■ 72, 11.979, 46.940

■ 100, 11.979,
46.940

■ 62, 11.979, 46.940

■ 92, 11.979, 46.940

■ 52, 11.979, 46.940

■ 42, 11.979, 46.940

■ 32, 11.979, 46.940

■ 22, 11.979, 46.940

■ 12, 11.979, 46.940

■ 2, 11.979, 46.940

■ 0, 11.979, 46.940

■ 72, 11.979, 46.940

■ 72, 11.979, 46.940

68, 19.133, 46.597

76, 5.356, 47.357

64, 26.858, 46.347

80, 0.780, 228.636

60, 35.167, 46.231

85, 6.482, 228.623

57, 44.025, 46.265

89, 11.800,
229.184

53, 53.308, 46.431

93, 15.853,
221.422

50, 62.699, 46.634

48, 71.479, 46.594

96, 18.735,
198.267

45, 78.570, 45.956

45, 79.482, 45.937

Harmonies

Complementary

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



72, 11.979, 46.940



75, 10.708, 229.263

Rectangle

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



72, 11.979, 46.940



72, 11.979, 96.940



72, 11.979, 226.940



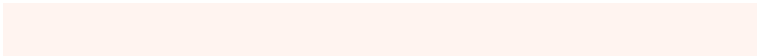
72, 11.979, 276.940

Sweetspot

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



72, 11.978, 46.952



97, 4.496, 47.445



70, 20.225, 334.214



51, 2.990, 47.425



0, 0.000, 0.000



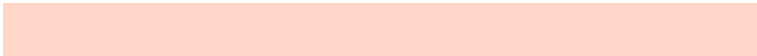
53, 0.007, 296.813

Same Dimension

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



72, 11.978, 46.952



89, 17.570, 46.813



77, 15.525, 96.121



40, 3.518, 47.330



37, 68.527, 46.375



5, 13.719, 35.882

Inverse Universe

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



75, 10.708, 229.263



92, 15.329, 229.596



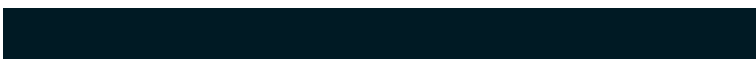
70, 15.764, 280.789



41, 3.337, 228.571



47, 33.476, 249.890



8, 11.204, 239.403

Previews

White Background



This preview shows how the CIELCh color 72, 11.979, 46.940 looks on a white background.

Color Contrast Check

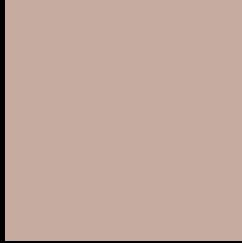
Large Text (above 18pt) WCAG AA × Fail

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 72, 11.979, 46.940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

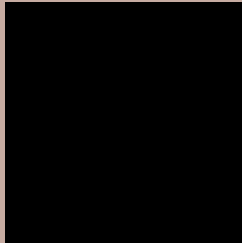
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 11.979, 46.940

Background



This preview shows how black text looks on a background with the CIELCh color 72, 11.979, 46.940.



This preview shows how white text looks on a background with the CIELCh color 72, 11.979, 46.940.

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

72, 11.979, 46.940

Protanopia

72, 7.033, 86.889

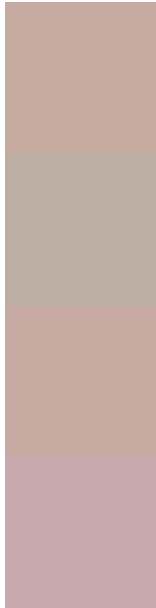
Deuteranopia

72, 12.474, 43.172



Tritanopia
72, 14.018, 350.499

Trichromacy



Original Color
72, 11.979, 46.940

Protanomaly
72, 8.078, 67.132

Deuteranomaly
72, 12.474, 43.172

Tritanomaly
72, 11.825, 7.221

Monochromacy



Original Color
72, 11.979, 46.940

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 4.131, 42.743

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 11.979, 46.940 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, 171, 161)` looks like.

```
.text, #text, p{  
    color:rgb(198, 171, 161)  
}
```

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, 171, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 171, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 11.979, 46.940 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, 171, 161) }
```

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

```
.border{ border-color:rgb(198, 171, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 171, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 171, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 171, 161);  
box-shadow:4px 4px 4px 4px rgb(198, 171,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 11.979, 46.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 171, 161) }
```

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

```
.background{ background-color: rgb(198,  
171, 161) }
```

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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