

Converting Colors

CIELCh(72, 11.161, 96.084)

Have a look what the booklet for
CIELCh(72, 11.161, 96.084) contains.

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Color

CIELCh(72, 11.175, 94.844)

Conversions

Conversions Part 1

Format	Color
Hex	B7B09C
RGB	183, 176, 156
RGB Percent	72%, 69%, 61%
CMY	0.2813, 0.3088, 0.3872
CMYK	0.00, 0.04, 0.15, 0.28
HSL	44°, 16%, 67%
HSV	44°, 15%, 72%
XYZ	41.1877, 43.6590, 37.8203
YIQ	175.8130, 10.5920, -4.7360

Conversions

Conversions Part 2

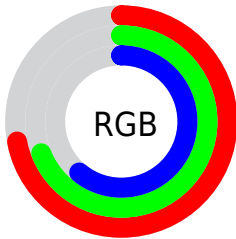
Format	Color
RYB	165, 183, 156
Decimal	12038300
CIELab	72.00, -0.94, 11.14
CIELCh	72, 11.175, 94.844
Yxy	43.6590, 0.3358, 0.3559
Android (android.graphics.Color)	4290228380 (0xFFB7B09C)
YUV	175.8130, -9.7678, 6.3030
Hunter-Lab	66.0750, -4.3637, 12.3158

Details

The CIELCh color **72, 11.175, 94.844** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 11.275, 278.525**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.106, 95.819**, and **52, 11.259, 95.688** is the 20% darker color. If you saturate the color by 10%, you get **70, 18.876, 93.627**, and if you desaturate by 10%, it is **74, 3.563, 96.013**.

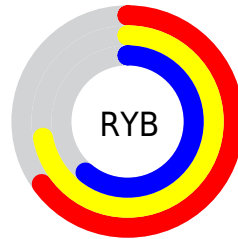
Distribution



Red (72%)

Green (69%)

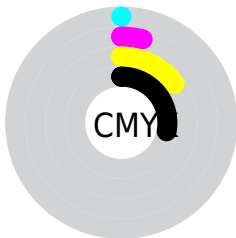
Blue (61%)



Red (65%)

Yellow (72%)

Blue (61%)

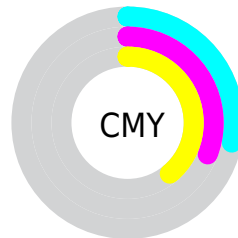


Cyan (0%)

Magenta (4%)

Yellow (15%)

Black (28%)



Cyan (28%)

Magenta (31%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 11.175, 94.844 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, 11.175, 94.844 by changing the saturation by 10% instead.

■ 72, 11.175, 94.844

■ 72, 11.175, 94.844

■ 100, 11.175,
94.844

■ 62, 11.175, 94.844

■ 92, 11.175, 94.844

■ 52, 11.175, 94.844

■ 42, 11.175, 94.844

■ 32, 11.175, 94.844

■ 22, 11.175, 94.844

■ 12, 11.175, 94.844

■ 2, 11.175, 94.844

■ 0, 11.175, 94.844

■ 72, 11.175, 94.844

■ 72, 11.175, 94.844

70, 18.876, 93.627

74, 3.563, 96.013

69, 26.628, 92.363

75, 3.949, 277.259

67, 34.364, 91.065

77, 11.355,
278.332

66, 41.957, 89.735

79, 18.655,
279.379

64, 49.185, 88.365

63, 55.668, 86.929

81, 25.854,
280.380

62, 60.840, 85.369

82, 27.244,
277.980

60, 64.048, 83.584

60, 65.236, 82.592

84, 25.143,
272.845

85, 23.275,
266.881

86, 21.693,
260.018

Harmonies

Complementary

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



72, 11.175, 94.844



67, 11.275, 278.525

Rectangle

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



72, 11.175, 94.844



72, 11.175, 144.844



72, 11.175, 274.844



72, 11.175, 324.844

Sweetspot

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



72, 11.176, 94.854



93, 3.707, 96.083



67, 11.175, 359.716



50, 2.658, 96.004



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 11.176, 94.854



90, 16.872, 94.422



73, 14.764, 118.339



38, 4.286, 95.494



51, 57.852, 82.889



7, 10.507, 88.448

Inverse Universe

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



67, 11.275, 278.525



83, 17.051, 279.047



66, 15.215, 300.287



36, 4.315, 277.790



23, 74.372, 299.809



2, 12.550, 281.142

Previews

White Background



This preview shows how the CIELCh color 72, 11.175, 94.844 looks on a white background.

Color Contrast Check

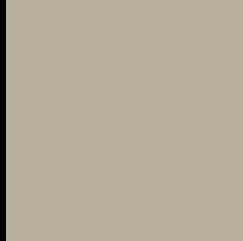
Large Text (above 18pt) WCAG AA × Fail

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, 11.175, 94.844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

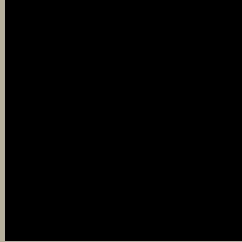
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

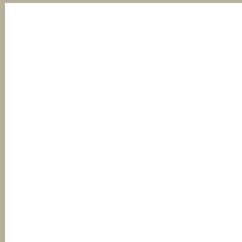
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 11.175, 94.844

Background



This preview shows how black text looks on a background with the CIELCh color 72, 11.175, 94.844.



This preview shows how white text looks on a background with the CIELCh color 72, 11.175, 94.844.

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, 11.175, 94.844

Protanopia

72, 11.278, 92.893

Deuteranopia

72, 13.929, 50.467



Tritanopia
72, 9.482, 326.706

Trichromacy



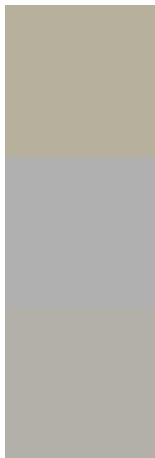
Original Color
72, 11.175, 94.844

Protanomaly
72, 11.278, 92.893

Deuteranomaly
72, 11.960, 62.567

Tritanomaly
72, 4.584, 12.902

Monochromacy



Original Color
72, 11.175, 94.844

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 3.953, 92.981

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 11.175, 94.844 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(183, 176, 156)` looks like.

```
.text, #text, p{  
    color:rgb(183, 176, 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(183, 176, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 176, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 11.175, 94.844 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(183, 176, 156) }
```

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

```
.border{ border-color:rgb(183, 176, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 176, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 176, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 176, 156);  
box-shadow:4px 4px 4px 4px rgb(183, 176,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 11.175, 94.844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 176, 156) }
```

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

```
.background{ background-color: rgb(183,  
176, 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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