

Converting Colors

CIELCh(71, 14.531, 89.778)

Have a look what the booklet for
CIELCh(71, 14.531, 89.778) contains.

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Color

CIELCh(71, 14.923, 89.939)

Conversions

Conversions Part 1

Format	Color
Hex	B9AD93
RGB	185, 173, 147
RGB Percent	73%, 68%, 58%
CMY	0.2754, 0.3224, 0.4244
CMYK	0.00, 0.06, 0.21, 0.28
HSL	41°, 21%, 65%
HSV	41°, 21%, 72%
XYZ	40.1030, 42.1875, 33.5440
YIQ	173.6240, 15.4980, -5.5420

Conversions

Conversions Part 2

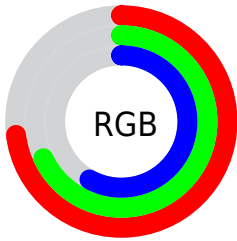
Format	Color
R_{YB}	165, 185, 147
Decimal	12168595
CIE _{Lab}	71.00, 0.02, 14.92
CIE _{LCh}	71, 14.923, 89.939
Yxy	42.1875, 0.3462, 0.3642
Android (android.graphics.Color)	4290358675 (0xFFB9AD93)
YUV	173.6240, -13.1256, 9.9768
Hunter-Lab	64.9519, -3.4551, 14.8464

Details

The CIELCh color $71, 14.923, 89.939$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $65, 14.921, 275.400$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 14.766, 89.677$, and $51, 15.263, 89.966$ is the 20% darker color. If you saturate the color by 10%, you get $69, 22.380, 88.648$, and if you desaturate by 10%, it is $73, 7.589, 91.197$.

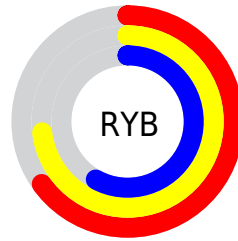
Distribution



Red (73%)

Green (68%)

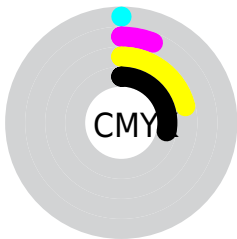
Blue (58%)



Red (65%)

Yellow (73%)

Blue (58%)

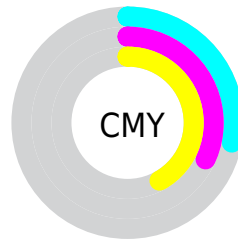


Cyan (0%)

Magenta (6%)

Yellow (21%)

Black (28%)



Cyan (28%)

Magenta (32%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 14.923, 89.939 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, 14.923, 89.939 by changing the saturation by 10% instead.

■ 71, 14.923, 89.939

■ 71, 14.923, 89.939

■ 100, 14.923,
89.939

■ 61, 14.923, 89.939

■ 91, 14.923, 89.939

■ 51, 14.923, 89.939

■ 41, 14.923, 89.939

■ 31, 14.923, 89.939

■ 21, 14.923, 89.939

■ 11, 14.923, 89.939

■ 1, 14.923, 89.939

■ 0, 14.923, 89.939

■ 71, 14.923, 89.939

■ 71, 14.923, 89.939

69, 22.380, 88.648

73, 7.589, 91.197

67, 29.919, 87.308

75, 0.390, 91.893

65, 37.462, 85.928

77, 6.671, 273.651

64, 44.851, 84.497

79, 13.600,
274.757

62, 51.804, 82.986

81, 20.403,
275.823

60, 57.841, 81.331

59, 62.282, 79.407

83, 25.764,
275.796

57, 64.892, 77.310

85, 23.345,
268.790

86, 21.340,
260.404

88, 19.864,
250.626

Harmonies

Complementary

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



71, 14.923, 89.939



65, 14.921, 275.400

Rectangle

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



71, 14.923, 89.939



71, 14.923, 139.939



71, 14.923, 269.939



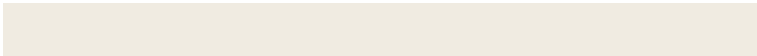
71, 14.923, 319.939

Sweetspot

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



71, 14.924, 89.947



93, 5.301, 91.726



65, 16.225, 356.871



49, 3.517, 91.652



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 14.924, 89.947



89, 22.521, 89.322



74, 20.579, 115.918



38, 4.045, 91.345



49, 57.169, 77.699



7, 9.854, 82.323

Inverse Universe

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



65, 14.921, 275.400



80, 22.513, 276.218



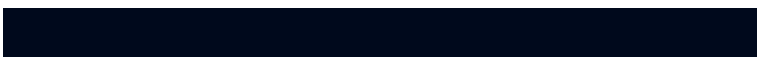
63, 21.511, 298.978



36, 4.052, 273.738



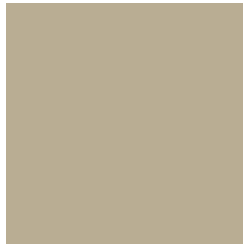
26, 68.554, 297.080



2, 11.985, 278.590

Previews

White Background



This preview shows how the CIELCh color 71, 14.923, 89.939 looks on a white background.

Color Contrast Check

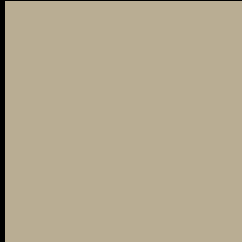
Large Text (above 18pt) WCAG AA × Fail

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, 14.923, 89.939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

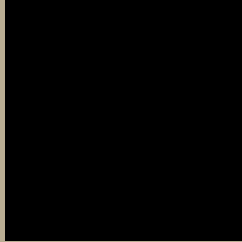
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

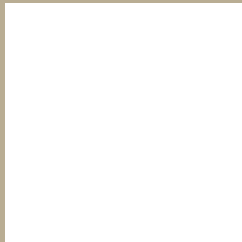
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 14.923, 89.939

Background



This preview shows how black text looks on a background with the CIELCh color 71, 14.923, 89.939.



This preview shows how white text looks on a background with the CIELCh color 71, 14.923, 89.939.

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

71, 14.923, 89.939

Protanopia

71, 14.679, 92.924

Deuteranopia

71, 17.019, 57.355



Tritanopia
71, 10.632, 338.544

Trichromacy



Original Color
71, 14.923, 89.939

Protanomaly
71, 14.796, 91.420

Deuteranomaly
71, 15.313, 67.817

Tritanomaly
71, 6.550, 24.643

Monochromacy



Original Color
71, 14.923, 89.939

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 5.643, 93.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 14.923, 89.939 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(185, 173, 147)` looks like.

```
.text, #text, p{  
    color:rgb(185, 173, 147)  
}
```

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(185, 173, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 173, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 14.923, 89.939 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(185, 173, 147) }
```

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

```
.border{ border-color:rgb(185, 173, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 173, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 173, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 173, 147);  
box-shadow:4px 4px 4px 4px rgb(185, 173,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 14.923, 89.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 173, 147) }
```

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

```
.background{ background-color: rgb(185,  
173, 147) }
```

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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