

Converting Colors

CIELCh(71, 21.692, 94.937)

Have a look what the booklet for
CIELCh(71, 21.692, 94.937) contains.

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Color

CIELCh(71, 21.189, 94.668)

Conversions

Conversions Part 1

Format	Color
Hex	B9AD87
RGB	185, 173, 135
RGB Percent	73%, 68%, 53%
CMY	0.2727, 0.3198, 0.4689
CMYK	0.00, 0.06, 0.27, 0.27
HSL	46°, 26%, 63%
HSV	46°, 27%, 73%
XYZ	39.5473, 42.1875, 29.1367
YIQ	172.2560, 19.3500, -9.2740

Conversions

Conversions Part 2

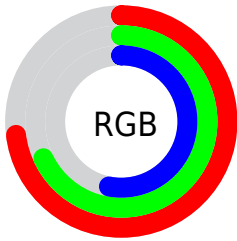
Format	Color
RYB	151, 185, 135
Decimal	12168583
CIELab	71.00, -1.72, 21.12
CIElCh	71, 21.189, 94.668
Yxy	42.1875, 0.3567, 0.3805
Android (android.graphics.Color)	4290358663 (0xFFB9AD87)
YUV	172.2560, -18.3672, 11.1765
Hunter-Lab	64.9519, -4.9824, 18.8695

Details

The CIELCh color **71, 21.189, 94.668** is a light color, and the websafe version is hex **999966**. A complement of this color would be **61, 21.640, 281.684**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 21.316, 93.872**, and **51, 21.252, 95.307** is the 20% darker color. If you saturate the color by 10%, you get **69, 29.130, 93.422**, and if you desaturate by 10%, it is **73, 13.271, 95.892**.

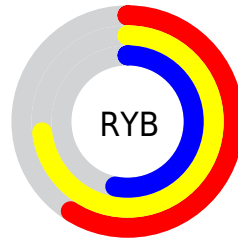
Distribution



Red (73%)

Green (68%)

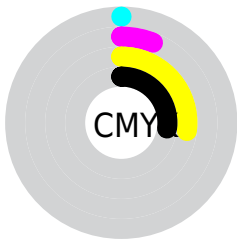
Blue (53%)



Red (59%)

Yellow (73%)

Blue (53%)

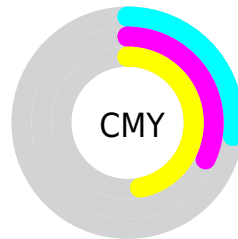


Cyan (0%)

Magenta (6%)

Yellow (27%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 21.189, 94.668 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, 21.189, 94.668 by changing the saturation by 10% instead.

■ 71, 21.189, 94.668

■ 71, 21.189, 94.668

■ 100, 21.189,
94.668

■ 61, 21.189, 94.668

■ 91, 21.189, 94.668

■ 51, 21.189, 94.668

■ 41, 21.189, 94.668

■ 31, 21.189, 94.668

■ 21, 21.189, 94.668

■ 11, 21.189, 94.668

■ 1, 21.189, 94.668

■ 0, 21.189, 94.668

■ 71, 21.189, 94.668

■ 71, 21.189, 94.668

69, 29.130, 93.422

73, 13.271, 95.892

68, 37.007, 92.141

74, 5.418, 97.059

67, 44.666, 90.833

76, 2.347, 278.308

65, 51.842, 89.490

78, 10.015,
279.352

64, 58.106, 88.086

79, 17.583,
280.396

63, 62.851, 86.566

61, 65.547, 84.846

81, 25.054,
281.395

61, 66.209, 84.317

82, 27.180,
279.520

84, 25.150,
274.832

85, 23.313,
269.407

Harmonies

Complementary

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



71, 21.189, 94.668



61, 21.640, 281.684

Rectangle

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



71, 21.189, 94.668



71, 21.189, 144.668



71, 21.189, 274.668



71, 21.189, 324.668

Sweetspot

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



71, 21.190, 94.674



94, 7.727, 96.928



62, 21.037, 2.421



50, 5.542, 96.755



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 21.190, 94.674



89, 31.291, 93.981



73, 27.233, 118.228



38, 4.372, 96.791



52, 58.207, 84.606



7, 10.764, 90.427

Inverse Universe

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



61, 21.640, 281.684



75, 32.133, 282.677



59, 28.806, 301.872



36, 4.409, 279.053



23, 76.255, 300.609



2, 12.746, 281.955

Previews

White Background



This preview shows how the CIELCh color 71, 21.189, 94.668 looks on a white background.

Color Contrast Check

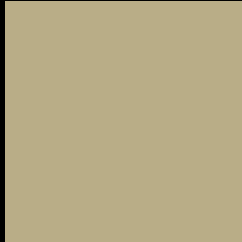
Large Text (above 18pt) WCAG AA × Fail

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, 21.189, 94.668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

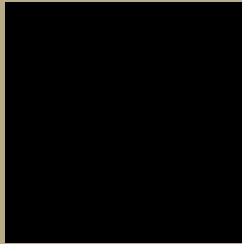
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 21.189, 94.668

Background



This preview shows how black text looks on a background with the CIELCh color 71, 21.189, 94.668.



This preview shows how white text looks on a background with the CIELCh color 71, 21.189, 94.668.

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, 21.189, 94.668

Protanopia

71, 21.599, 96.003

Deuteranopia

71, 22.313, 66.587



Tritanopia
71, 11.510, 342.455

Trichromacy



Original Color
71, 21.189, 94.668

Protanomaly
71, 21.599, 96.003

Deuteranomaly
71, 21.480, 75.752

Tritanomaly
71, 8.242, 39.190

Monochromacy



Original Color
71, 21.189, 94.668

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 7.850, 95.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 21.189, 94.668 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(185, 173, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 173, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 21.189, 94.668 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, 135) }
```

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

```
.border{ border-color:rgb(185, 173, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 173, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 173, 135);  
box-shadow:4px 4px 4px 4px rgb(185, 173,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 21.189, 94.668 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, 135) }
```

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

```
.background{ background-color: rgb(185,  
173, 135) }
```

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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