

Converting Colors

CIELCh(71, 13.835, 77.944)

Have a look what the booklet for
CIELCh(71, 13.835, 77.944) contains.

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Color

CIELCh(71, 14.002, 77.932)

Conversions

Conversions Part 1

Format	Color
Hex	BDAB95
RGB	189, 171, 149
RGB Percent	74%, 67%, 58%
CMY	0.2583, 0.3289, 0.4152
CMYK	0.00, 0.10, 0.21, 0.26
HSL	33°, 23%, 66%
HSV	33°, 21%, 74%
XYZ	41.0444, 42.1875, 34.4690
YIQ	173.8740, 17.7900, -3.0260

Conversions

Conversions Part 2

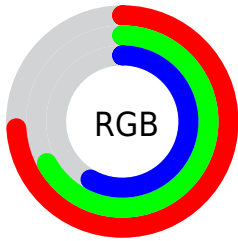
Format	Color
RYB	182, 189, 149
Decimal	12430229
CIELab	71.00, 2.93, 13.69
CIELCh	71, 14.002, 77.932
Yxy	42.1875, 0.3487, 0.3584
Android (android.graphics.Color)	4290620309 (0xFFBDAB95)
YUV	173.8740, -12.2629, 13.2655
Hunter-Lab	64.9519, -0.8682, 14.0020

Details

The CIELCh color $71, 14.002, 77.932$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 13.473, 263.748$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 14.081, 76.851$, and $51, 14.091, 78.926$ is the 20% darker color. If you saturate the color by 10%, you get $68, 21.023, 76.636$, and if you desaturate by 10%, it is $74, 7.241, 79.206$.

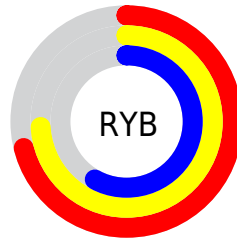
Distribution



Red (74%)

Green (67%)

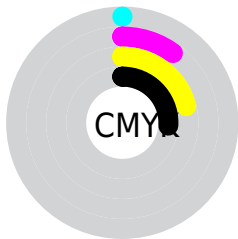
Blue (58%)



Red (71%)

Yellow (74%)

Blue (58%)

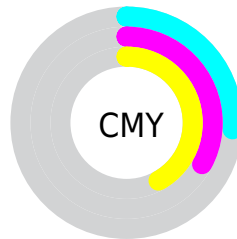


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 14.002, 77.932 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, 14.002, 77.932 by changing the saturation by 10% instead.

■ 71, 14.002, 77.932

■ 71, 14.002, 77.932

■ 100, 14.002,
77.932

■ 61, 14.002, 77.932

■ 91, 14.002, 77.932

■ 51, 14.002, 77.932

■ 41, 14.002, 77.932

■ 31, 14.002, 77.932

■ 21, 14.002, 77.932

■ 11, 14.002, 77.932

■ 1, 14.002, 77.932

■ 0, 14.002, 77.932

■ 71, 14.002, 77.932

■ 71, 14.002, 77.932

68, 21.023, 76.636

74, 7.241, 79.206

66, 28.296, 75.301

76, 0.727, 80.067

63, 35.781, 73.934

79, 5.557, 261.770

61, 43.371, 72.518

82, 11.632,
262.910

59, 50.833, 71.002

85, 17.519,
264.024

57, 57.720, 69.272

54, 63.282, 67.107

87, 19.875,
259.161

53, 66.909, 64.807

89, 18.109,
243.305

92, 17.889,
225.840

94, 19.224,
209.581

Harmonies

Complementary

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



71, 14.002, 77.932



68, 13.473, 263.748

Rectangle

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



71, 14.002, 77.932



71, 14.002, 127.932



71, 14.002, 257.932



71, 14.002, 307.932

Sweetspot

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



71, 14.003, 77.942



94, 4.755, 79.806



66, 18.280, 348.374



50, 3.157, 79.732



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, 14.003, 77.942



88, 20.577, 77.391



76, 21.367, 110.281



39, 3.660, 79.425



44, 58.496, 65.341



6, 10.217, 65.401

Inverse Universe

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



68, 13.473, 263.748



84, 19.625, 264.502



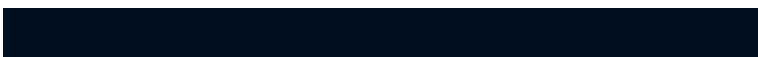
63, 22.431, 294.324



38, 3.608, 261.928



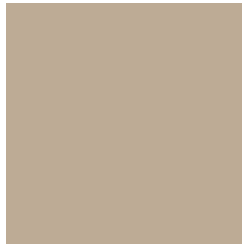
32, 55.051, 288.059



4, 12.135, 272.198

Previews

White Background



This preview shows how the CIELCh color 71, 14.002, 77.932 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, 14.002, 77.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

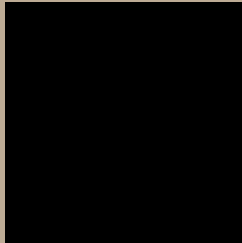
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 14.002, 77.932

Background



This preview shows how black text looks on a background with the CIELCh color 71, 14.002, 77.932.



This preview shows how white text looks on a background with the CIELCh color 71, 14.002, 77.932.

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, 14.002, 77.932

Protanopia

71, 12.997, 92.931

Deuteranopia

71, 15.979, 55.366



Tritanopia
71, 12.115, 344.759

Trichromacy



Original Color
71, 14.002, 77.932

Protanomaly
71, 13.044, 85.544

Deuteranomaly
71, 14.773, 64.071

Tritanomaly
71, 8.872, 20.127

Monochromacy



Original Color
71, 14.002, 77.932

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 5.101, 77.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 14.002, 77.932 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(189, 171, 149)` looks like.

```
.text, #text, p{  
    color:rgb(189, 171, 149)  
}
```

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(189, 171, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 171, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 14.002, 77.932 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(189, 171, 149) }
```

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

```
.border{ border-color:rgb(189, 171, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 171, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 171, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 171, 149);  
box-shadow:4px 4px 4px 4px rgb(189, 171,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 14.002, 77.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 171, 149) }
```

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

```
.background{ background-color: rgb(189,  
171, 149) }
```

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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