

Converting Colors

CIELCh(71, 19.384, 84.871)

Have a look what the booklet for
CIELCh(71, 19.384, 84.871) contains.

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Color

CIELCh(71, 19.406, 86.083)

Conversions

Conversions Part 1

Format	Color
Hex	BEAC8B
RGB	190, 172, 139
RGB Percent	75%, 67%, 55%
CMY	0.2559, 0.3264, 0.4558
CMYK	0.00, 0.09, 0.27, 0.26
HSL	39°, 28%, 64%
HSV	39°, 27%, 74%
XYZ	40.5247, 42.1875, 30.3453
YIQ	173.6200, 21.3210, -6.4470

Conversions

Conversions Part 2

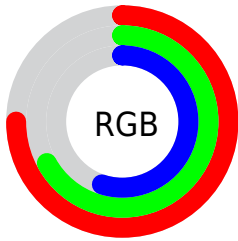
Format	Color
RYB	167, 190, 139
Decimal	12496011
CIELab	71.00, 1.33, 19.36
CIELCh	71, 19.406, 86.083
Yxy	42.1875, 0.3584, 0.3732
Android (android.graphics.Color)	4290686091 (0xFFBEAC8B)
YUV	173.6200, -17.0677, 14.3653
Hunter-Lab	64.9519, -2.2964, 17.7662

Details

The CIELCh color **71, 19.406, 86.083** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 19.164, 273.586**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 19.164, 85.201**, and **51, 19.355, 86.220** is the 20% darker color. If you saturate the color by 10%, you get **69, 26.918, 84.741**, and if you desaturate by 10%, it is **73, 12.041, 87.396**.

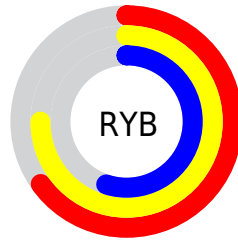
Distribution



Red (75%)

Green (67%)

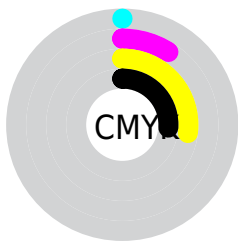
Blue (55%)



Red (65%)

Yellow (75%)

Blue (55%)

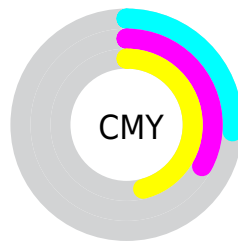


Cyan (0%)

Magenta (9%)

Yellow (27%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 19.406, 86.083 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, 19.406, 86.083 by changing the saturation by 10% instead.

■ 71, 19.406, 86.083

■ 71, 19.406, 86.083

■ 100, 19.406,
86.083

■ 61, 19.406, 86.083

■ 91, 19.406, 86.083

■ 51, 19.406, 86.083

■ 41, 19.406, 86.083

■ 31, 19.406, 86.083

■ 21, 19.406, 86.083

■ 11, 19.406, 86.083

■ 1, 19.406, 86.083

■ 0, 19.406, 86.083

■ 71, 19.406, 86.083

■ 71, 19.406, 86.083

69, 26.918, 84.741

73, 12.041, 87.396

67, 34.522, 83.351

75, 4.840, 88.637

65, 42.107, 81.911

78, 2.194, 270.027

63, 49.454, 80.396

80, 9.066, 271.120

61, 56.169, 78.745

82, 15.789,
272.236

59, 61.617, 76.834

85, 22.373,
273.306

58, 65.107, 74.490

57, 66.058, 73.743

86, 20.924,
265.353

88, 18.953,
254.126

90, 17.831,
241.050

Harmonies

Complementary

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



71, 19.406, 86.083



64, 19.164, 273.586

Rectangle

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



71, 19.406, 86.083



71, 19.406, 136.083



71, 19.406, 266.083



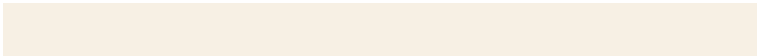
71, 19.406, 316.083

Sweetspot

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



71, 19.407, 86.090



95, 7.005, 88.487



63, 22.384, 354.268



51, 5.029, 88.302



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 19.407, 86.090



89, 28.846, 85.332



75, 27.266, 113.357



39, 3.989, 88.339



48, 57.712, 74.195



7, 10.859, 76.957

Inverse Universe

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



64, 19.164, 273.586



79, 28.413, 274.672



60, 28.996, 297.878



37, 3.981, 270.792



28, 65.473, 295.014



3, 13.249, 277.876

Previews

White Background



This preview shows how the CIELCh color 71, 19.406, 86.083 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, 19.406, 86.083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

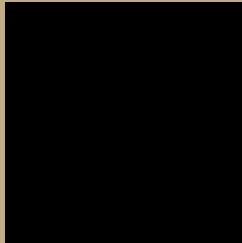
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 19.406, 86.083

Background



This preview shows how black text looks on a background with the CIELCh color 71, 19.406, 86.083.



This preview shows how white text looks on a background with the CIELCh color 71, 19.406, 86.083.

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, 19.406, 86.083

Protanopia

71, 18.967, 94.698

Deuteranopia

71, 20.761, 64.725



Tritanopia
71, 13.070, 347.837

Trichromacy



Original Color
71, 19.406, 86.083

Protanomaly
71, 18.804, 90.733

Deuteranomaly
71, 19.887, 71.795

Tritanomaly
71, 10.001, 32.688

Monochromacy



Original Color
71, 19.406, 86.083

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 6.917, 89.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 19.406, 86.083 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(190, 172, 139)` looks like.

```
.text, #text, p{  
    color:rgb(190, 172, 139)  
}
```

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(190, 172, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 172, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 19.406, 86.083 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(190, 172, 139) }
```

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

```
.border{ border-color:rgb(190, 172, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 172, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 172, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 172, 139);  
box-shadow:4px 4px 4px 4px rgb(190, 172,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 19.406, 86.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 172, 139) }
```

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

```
.background{ background-color: rgb(190,  
172, 139) }
```

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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