

Converting Colors

CIELCh(71, 20.328, 98.906)

Have a look what the booklet for
CIELCh(71, 20.328, 98.906) contains.

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Color

CIELCh(71, 20.307, 98.921)

Conversions

Conversions Part 1

Format	Color
Hex	B6AE89
RGB	182, 174, 137
RGB Percent	71%, 68%, 54%
CMY	0.2851, 0.3164, 0.4616
CMYK	0.00, 0.04, 0.25, 0.29
HSL	49°, 24%, 63%
HSV	49°, 25%, 71%
XYZ	39.0962, 42.1875, 29.8597
YIQ	172.1740, 16.6450, -9.8110

Conversions

Conversions Part 2

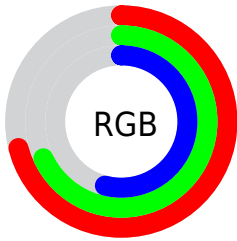
Format	Color
RYB	147, 182, 137
Decimal	11972233
CIELab	71.00, -3.15, 20.06
CIELCh	71, 20.307, 98.921
Yxy	42.1875, 0.3518, 0.3796
Android (android.graphics.Color)	4290162313 (0xFFB6AE89)
YUV	172.1740, -17.3408, 8.6174
Hunter-Lab	64.9519, -6.2220, 18.2095

Details

The CIELCh color **71, 20.307, 98.921** is a light color, and the websafe version is hex **999966**. A complement of this color would be **61, 20.964, 284.956**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 19.878, 98.631**, and **51, 20.408, 98.783** is the 20% darker color. If you saturate the color by 10%, you get **70, 28.535, 97.759**, and if you desaturate by 10%, it is **72, 12.057, 100.069**.

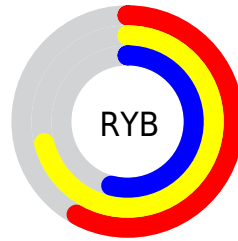
Distribution



Red (71%)

Green (68%)

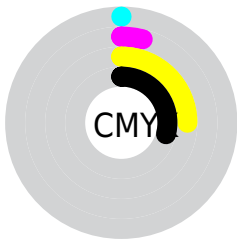
Blue (54%)



Red (58%)

Yellow (71%)

Blue (54%)

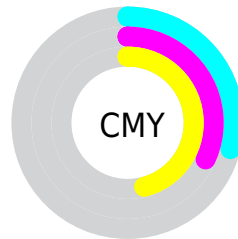


Cyan (0%)

Magenta (4%)

Yellow (25%)

Black (29%)



Cyan (29%)

Magenta (32%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 20.307, 98.921 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, 20.307, 98.921 by changing the saturation by 10% instead.

■ 71, 20.307, 98.921

■ 71, 20.307, 98.921

■ 100, 20.307,
98.921

■ 61, 20.307, 98.921

■ 91, 20.307, 98.921

■ 51, 20.307, 98.921

■ 41, 20.307, 98.921

■ 31, 20.307, 98.921

■ 21, 20.307, 98.921

■ 11, 20.307, 98.921

■ 1, 20.307, 98.921

■ 0, 20.307, 98.921

■ 71, 20.307, 98.921

■ 71, 20.307, 98.921

70, 28.535, 97.759

72, 12.057,
100.069

69, 36.650, 96.575

74, 3.833, 101.161

68, 44.498, 95.383

75, 4.338, 282.307

66, 51.827, 94.190

76, 12.439,
283.326

65, 58.239, 92.993

65, 63.185, 91.774

78, 20.463,
284.315

64, 66.105, 90.491

79, 28.409,
285.261

63, 67.128, 89.795

80, 31.095,
284.324

81, 29.464,
281.633

82, 27.903,
278.652

Harmonies

Complementary

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



71, 20.307, 98.921



61, 20.964, 284.956

Rectangle

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



71, 20.307, 98.921



71, 20.307, 148.921



71, 20.307, 278.921



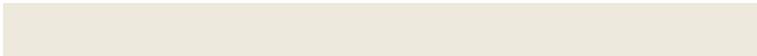
71, 20.307, 328.921

Sweetspot

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



71, 20.308, 98.927



93, 7.092, 100.906



62, 18.561, 7.085



50, 4.647, 100.841



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, 20.308, 98.927



89, 30.564, 98.250



72, 24.877, 121.047



38, 4.667, 100.664



54, 59.767, 89.976



8, 11.726, 96.470

Inverse Universe

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



61, 20.964, 284.956



74, 31.834, 285.917



60, 26.072, 303.981



36, 4.727, 282.809



21, 81.896, 302.805



2, 13.401, 284.431

Previews

White Background



This preview shows how the CIELCh color 71, 20.307, 98.921 looks on a white background.

Color Contrast Check

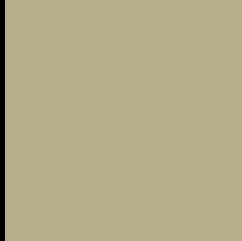
Large Text (above 18pt) WCAG AA × Fail

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, 20.307, 98.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

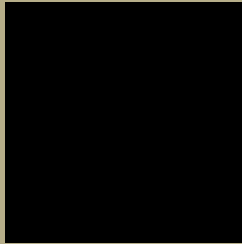
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 20.307, 98.921

Background



This preview shows how black text looks on a background with the CIELCh color 71, 20.307, 98.921.



This preview shows how white text looks on a background with the CIELCh color 71, 20.307, 98.921.

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, 20.307, 98.921

Protanopia

71, 20.139, 94.115

Deuteranopia

71, 21.176, 65.646



Tritanopia
71, 10.731, 334.978

Trichromacy



Original Color
71, 20.307, 98.921

Protanomaly
71, 20.040, 95.255

Deuteranomaly
71, 20.299, 77.985

Tritanomaly
71, 6.546, 39.205

Monochromacy



Original Color
71, 20.307, 98.921

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 7.699, 100.706

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 20.307, 98.921 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(182, 174, 137)` looks like.

```
.text, #text, p{  
    color:rgb(182, 174, 137)  
}
```

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(182, 174, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 174, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 20.307, 98.921 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(182, 174, 137) }
```

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

```
.border{ border-color:rgb(182, 174, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 174, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 174, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 174, 137);  
box-shadow:4px 4px 4px 4px rgb(182, 174,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 20.307, 98.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 174, 137) }
```

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

```
.background{ background-color: rgb(182,  
174, 137) }
```

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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