

Converting Colors

CIELCh(71, 12.982, 93.012)

Have a look what the booklet for
CIELCh(71, 12.982, 93.012) contains.

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Color

CIELCh(71, 12.997, 92.931)

Conversions

Conversions Part 1

Format	Color
Hex	B6AD96
RGB	182, 173, 150
RGB Percent	71%, 68%, 59%
CMY	0.2851, 0.3204, 0.4107
CMYK	0.00, 0.05, 0.18, 0.29
HSL	43°, 18%, 65%
HSV	43°, 18%, 71%
XYZ	39.8851, 42.1875, 35.0124
YIQ	173.0690, 12.7470, -5.2450

Conversions

Conversions Part 2

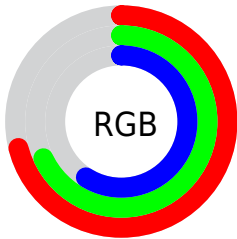
Format	Color
RYB	163, 182, 150
Decimal	11971990
CIELab	71.00, -0.66, 12.98
CIELCh	71, 12.997, 92.931
Yxy	42.1875, 0.3407, 0.3603
Android (android.graphics.Color)	4290162070 (0xFFB6AD96)
YUV	173.0690, -11.3730, 7.8325
Hunter-Lab	64.9519, -4.0540, 13.5060

Details

The CIELCh color **71, 12.997, 92.931** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 13.082, 277.432**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.935, 92.356**, and **51, 13.209, 93.362** is the 20% darker color. If you saturate the color by 10%, you get **69, 20.544, 91.682**, and if you desaturate by 10%, it is **73, 5.549, 94.143**.

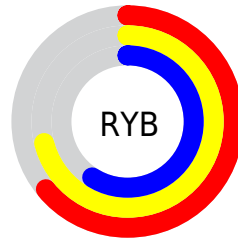
Distribution



Red (71%)

Green (68%)

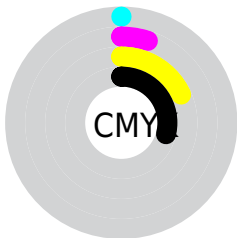
Blue (59%)



Red (64%)

Yellow (71%)

Blue (59%)

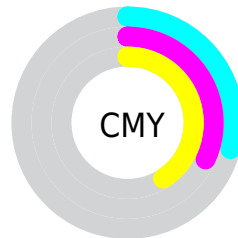


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (29%)



Cyan (29%)

Magenta (32%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 12.997, 92.931 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, 12.997, 92.931 by changing the saturation by 10% instead.

■ 71, 12.997, 92.931

■ 71, 12.997, 92.931

■ 100, 12.997,
92.931

■ 61, 12.997, 92.931

■ 91, 12.997, 92.931

■ 51, 12.997, 92.931

■ 41, 12.997, 92.931

■ 31, 12.997, 92.931

■ 21, 12.997, 92.931

■ 11, 12.997, 92.931

■ 1, 12.997, 92.931

■ 0, 12.997, 92.931

■ 71, 12.997, 92.931

■ 71, 12.997, 92.931

69, 20.544, 91.682

73, 5.549, 94.143

68, 28.151, 90.385

75, 1.788, 275.466

66, 35.743, 89.053

76, 9.008, 276.512

64, 43.181, 87.681

78, 16.114,
277.586

63, 50.213, 86.255

80, 23.111,
278.614

61, 56.421, 84.733

82, 27.640,
278.085

60, 61.189, 83.033

59, 64.010, 81.053

83, 25.373,
272.598

58, 64.618, 80.567

85, 23.376,
266.165

86, 21.717,
258.707

Harmonies

Complementary

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



71, 12.997, 92.931



66, 13.082, 277.432

Rectangle

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



71, 12.997, 92.931



71, 12.997, 142.931



71, 12.997, 272.931



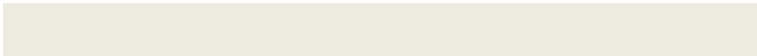
71, 12.997, 322.931

Sweetspot

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



71, 12.998, 92.940



93, 4.533, 94.423



65, 13.430, 358.847



50, 3.120, 94.346



97, 0.011, 296.813



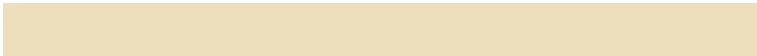
50, 0.007, 296.813

Same Dimension

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



71, 12.998, 92.940



89, 19.305, 92.468



73, 17.468, 117.485



38, 4.190, 93.935



50, 57.520, 80.884



7, 10.233, 86.108

Inverse Universe

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



66, 13.082, 277.432



81, 19.454, 278.023



64, 18.117, 299.907



36, 4.210, 276.271



24, 72.144, 298.813



2, 12.327, 280.176

Previews

White Background



This preview shows how the CIELCh color 71, 12.997, 92.931 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, 12.997, 92.931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

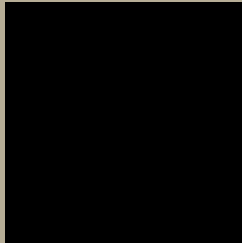
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 12.997, 92.931

Background



This preview shows how black text looks on a background with the CIELCh color 71, 12.997, 92.931.



This preview shows how white text looks on a background with the CIELCh color 71, 12.997, 92.931.

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, 12.997, 92.931

Protanopia

71, 12.997, 92.931

Deuteranopia

71, 15.640, 53.850



Tritanopia
71, 9.561, 332.342

Trichromacy



Original Color
71, 12.997, 92.931

Protanomaly
71, 12.997, 92.931

Deuteranomaly
71, 13.784, 64.926

Tritanomaly
71, 5.380, 25.561

Monochromacy



Original Color
71, 12.997, 92.931

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.491, 94.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 12.997, 92.931 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, 173, 150)` looks like.

```
.text, #text, p{  
    color:rgb(182, 173, 150)  
}
```

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, 173, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 173, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 12.997, 92.931 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, 173, 150) }
```

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

```
.border{ border-color:rgb(182, 173, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 173, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 173, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 173, 150);  
box-shadow:4px 4px 4px 4px rgb(182, 173,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 12.997, 92.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 173, 150) }
```

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

```
.background{ background-color: rgb(182,  
173, 150) }
```

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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