

Converting Colors

CIELCh(70, 14.104, 96.659)

Have a look what the booklet for
CIELCh(70, 14.104, 96.659) contains.

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Color

CIELCh(70, 13.893, 97.174)

Conversions

Conversions Part 1

Format	Color
Hex	B2AB92
RGB	178, 171, 146
RGB Percent	70%, 67%, 57%
CMY	0.3013, 0.3288, 0.4268
CMYK	0.00, 0.04, 0.18, 0.30
HSL	47°, 17%, 64%
HSV	47°, 18%, 70%
XYZ	38.1898, 40.7494, 33.1097
YIQ	170.2430, 12.1970, -6.2910

Conversions

Conversions Part 2

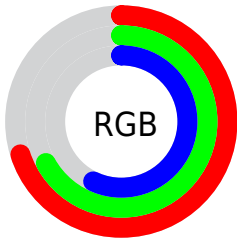
Format	Color
RYB	155, 178, 146
Decimal	11709330
CIELab	70.00, -1.73, 13.78
CIELCh	70, 13.893, 97.174
Yxy	40.7494, 0.3408, 0.3637
Android (android.graphics.Color)	4289899410 (0xFFB2AB92)
YUV	170.2430, -11.9518, 6.8029
Hunter-Lab	63.8353, -4.9231, 13.9325

Details

The CIELCh color **70, 13.893, 97.174** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 14.130, 281.568**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 13.770, 96.471**, and **50, 14.183, 97.738** is the 20% darker color. If you saturate the color by 10%, you get **69, 21.705, 95.986**, and if you desaturate by 10%, it is **71, 6.127, 98.333**.

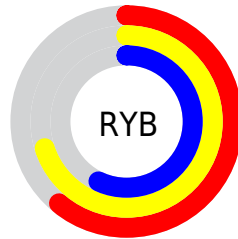
Distribution



Red (70%)

Green (67%)

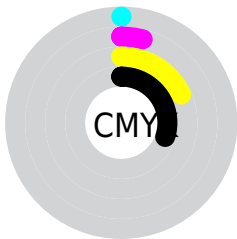
Blue (57%)



Red (61%)

Yellow (70%)

Blue (57%)

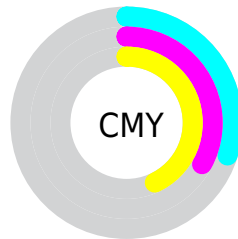


Cyan (0%)

Magenta (4%)

Yellow (18%)

Black (30%)



Cyan (30%)

Magenta (33%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 13.893, 97.174 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 70, 13.893, 97.174 by changing the saturation by 10% instead.

■ 70, 13.893, 97.174

■ 70, 13.893, 97.174

■ 100, 13.893,
97.174

■ 60, 13.893, 97.174

■ 90, 13.893, 97.174

■ 50, 13.893, 97.174

■ 40, 13.893, 97.174

■ 30, 13.893, 97.174

■ 20, 13.893, 97.174

■ 10, 13.893, 97.174

■ 0, 13.893, 97.174

■ 70, 13.893, 97.174

■ 70, 13.893, 97.174

■ 69, 21.705, 95.986

■ 71, 6.127, 98.333

67, 29.510, 94.761

73, 1.569, 279.584

66, 37.215, 93.513

74, 9.183, 280.586

65, 44.660, 92.244

76, 16.708,
281.616

63, 51.567, 90.950

78, 24.146,
282.603

62, 57.506, 89.612

61, 61.890, 88.182

79, 31.497,
283.542

60, 64.350, 86.606

80, 30.560,
280.818

60, 64.793, 86.285

81, 28.710,
277.274

82, 26.981,
273.289

Harmonies

Complementary

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



70, 13.893, 97.174



63, 14.130, 281.568

Rectangle

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



70, 13.893, 97.174



70, 13.893, 147.174



70, 13.893, 277.174



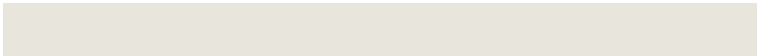
70, 13.893, 327.174

Sweetspot

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



70, 13.894, 97.182



91, 4.758, 98.648



64, 13.234, 2.507



49, 3.275, 98.573



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 13.894, 97.182



88, 21.131, 96.658



71, 17.657, 119.465



37, 4.368, 98.181



52, 57.974, 86.514



6, 9.621, 93.261

Inverse Universe

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



63, 14.130, 281.568



78, 21.582, 282.234



62, 18.295, 301.728



35, 4.412, 280.394



22, 77.238, 301.390



2, 11.155, 282.213

Previews

White Background



This preview shows how the CIELCh color 70, 13.893, 97.174 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 70, 13.893, 97.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

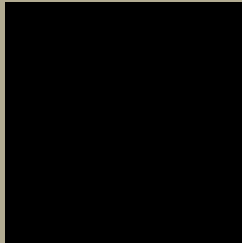
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 13.893, 97.174

Background



This preview shows how black text looks on a background with the CIELCh color 70, 13.893, 97.174.



This preview shows how white text looks on a background with the CIELCh color 70, 13.893, 97.174.

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

70, 13.893, 97.174

Protanopia

70, 14.078, 93.962

Deuteranopia

70, 16.041, 57.663



Tritanopia
70, 10.000, 330.252

Trichromacy



Original Color
70, 13.893, 97.174

Protanomaly
70, 13.980, 95.559

Deuteranomaly
70, 14.377, 68.886

Tritanomaly
70, 4.975, 19.744

Monochromacy



Original Color
70, 13.893, 97.174

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.037, 96.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 13.893, 97.174 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(178, 171, 146)` looks like.

```
.text, #text, p{  
    color:rgb(178, 171, 146)  
}
```

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(178, 171, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 171, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 13.893, 97.174 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(178, 171, 146) }
```

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

```
.border{ border-color:rgb(178, 171, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 171, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 171, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 171, 146);  
box-shadow:4px 4px 4px 4px rgb(178, 171,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 13.893, 97.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 171, 146) }
```

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

```
.background{ background-color: rgb(178,  
171, 146) }
```

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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