

Converting Colors

CIELCh(70, 11.759, 87.189)

Have a look what the booklet for
CIELCh(70, 11.759, 87.189) contains.

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Color

CIELCh(70, 11.746, 87.200)

Conversions

Conversions Part 1

Format	Color
Hex	B5AA96
RGB	181, 170, 150
RGB Percent	71%, 67%, 59%
CMY	0.2904, 0.3335, 0.4119
CMYK	0.00, 0.06, 0.17, 0.29
HSL	39°, 17%, 65%
HSV	39°, 17%, 71%
XYZ	38.9112, 40.7494, 34.6487
YIQ	171.0090, 12.9760, -3.8880

Conversions

Conversions Part 2

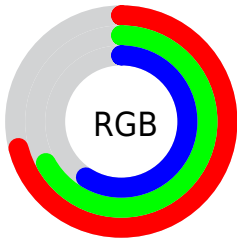
Format	Color
RYB	167, 181, 150
Decimal	11905686
CIELab	70.00, 0.57, 11.73
CIELCh	70, 11.746, 87.200
Yxy	40.7494, 0.3404, 0.3565
Android (android.graphics.Color)	4290095766 (0xFFB5AA96)
YUV	171.0090, -10.3574, 8.7621
Hunter-Lab	63.8353, -2.9058, 12.5031

Details

The CIELCh color **70, 11.746, 87.200** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 11.657, 271.768**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 11.749, 86.829**, and **50, 11.882, 87.410** is the 20% darker color. If you saturate the color by 10%, you get **68, 18.826, 85.907**, and if you desaturate by 10%, it is **72, 4.827, 88.451**.

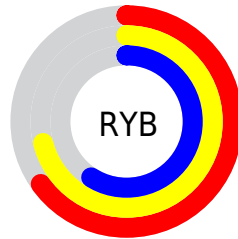
Distribution



Red (71%)

Green (67%)

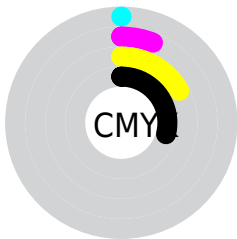
Blue (59%)



Red (65%)

Yellow (71%)

Blue (59%)

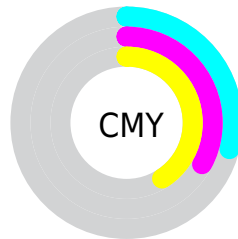


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 11.746, 87.200 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, 11.746, 87.200 by changing the saturation by 10% instead.

■ 70, 11.746, 87.200

■ 70, 11.746, 87.200

■ 100, 11.746,
87.200

■ 60, 11.746, 87.200

■ 90, 11.746, 87.200

■ 50, 11.746, 87.200

■ 40, 11.746, 87.200

■ 30, 11.746, 87.200

■ 20, 11.746, 87.200

■ 10, 11.746, 87.200

■ 0, 11.746, 87.200

■ 70, 11.746, 87.200

■ 70, 11.746, 87.200

■ 68, 18.826, 85.907

■ 72, 4.827, 88.451

66, 26.047, 84.561

74, 1.931, 269.848

64, 33.358, 83.174

76, 8.534, 270.929

62, 40.652, 81.739

79, 14.991,
272.043

60, 47.722, 80.227

81, 21.314,
273.112

58, 54.188, 78.579

57, 59.444, 76.671

83, 25.786,
272.535

55, 62.869, 74.343

85, 23.331,
264.448

55, 63.765, 73.676

86, 21.427,
254.805

88, 20.213,
243.766

Harmonies

Complementary

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



70, 11.746, 87.200



66, 11.657, 271.768

Rectangle

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



70, 11.746, 87.200



70, 11.746, 137.200



70, 11.746, 267.200



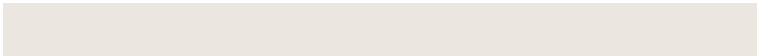
70, 11.746, 317.200

Sweetspot

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



70, 11.747, 87.210



92, 4.167, 88.685



65, 13.551, 353.127



48, 2.844, 88.608



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, 11.747, 87.210



87, 17.875, 86.666



73, 16.799, 114.111



37, 3.803, 88.189



47, 56.340, 74.109



5, 8.256, 79.206

Inverse Universe

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



66, 11.657, 271.768



81, 17.694, 272.451



63, 17.444, 296.862



35, 3.794, 270.626



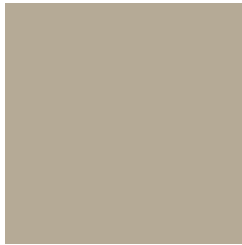
27, 63.531, 294.793



2, 9.955, 275.591

Previews

White Background



This preview shows how the CIELCh color 70, 11.746, 87.200 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, 11.746, 87.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

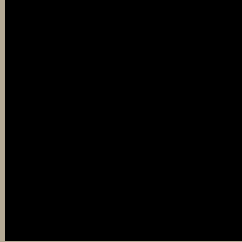
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

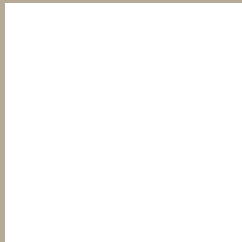
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 11.746, 87.200

Background



This preview shows how black text looks on a background with the CIELCh color 70, 11.746, 87.200.



This preview shows how white text looks on a background with the CIELCh color 70, 11.746, 87.200.

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, 11.746, 87.200

Protanopia

70, 11.866, 93.494

Deuteranopia

70, 14.334, 52.221



Tritanopia
70, 10.107, 335.606

Trichromacy



Original Color
70, 11.746, 87.200

Protanomaly
70, 11.979, 91.650

Deuteranomaly
70, 12.726, 62.980

Tritanomaly
70, 6.549, 15.145

Monochromacy



Original Color
70, 11.746, 87.200

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 4.612, 90.244

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 11.746, 87.200 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(181, 170, 150)` looks like.

```
.text, #text, p{  
    color:rgb(181, 170, 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(181, 170, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 170, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 11.746, 87.200 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(181, 170, 150) }
```

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

```
.border{ border-color:rgb(181, 170, 150) }
```

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

Here you see how a box with a 4 pixel rgb(181, 170, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 170, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 170, 150);  
box-shadow:4px 4px 4px 4px rgb(181, 170,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 11.746, 87.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 170, 150) }
```

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

```
.background{ background-color: rgb(181,  
170, 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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