

Converting Colors

CIELCh(73, 11.987, 69.537)

Have a look what the booklet for
CIELCh(73, 11.987, 69.537) contains.

CIELCh(73, 11.888, 70.145)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(73, 11.888, 70.145)

Conversions

Conversions Part 1

Format	Color
Hex	C3B09F
RGB	195, 176, 159
RGB Percent	76%, 69%, 62%
CMY	0.2352, 0.3097, 0.3764
CMYK	0.00, 0.10, 0.18, 0.24
HSL	28°, 23%, 69%
HSV	28°, 18%, 76%
XYZ	44.2972, 45.1644, 39.1906
YIQ	179.7430, 16.7810, -1.2590

Conversions

Conversions Part 2

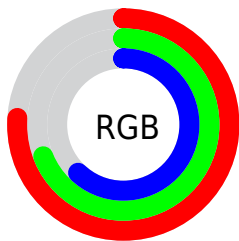
Format	Color
RYB	195, 191, 159
Decimal	12824735
CIELab	73.00, 4.04, 11.18
CIElCh	73, 11.888, 70.145
Yxy	45.1644, 0.3443, 0.3511
Android (android.graphics.Color)	4291014815 (0xFFC3B09F)
YUV	179.7430, -10.2263, 13.3804
Hunter-Lab	67.2044, 0.0487, 12.4678

Details

The CIELCh color **73, 11.888, 70.145** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72, 11.237, 254.915**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 11.870, 70.673**, and **53, 11.770, 70.993** is the 20% darker color. If you saturate the color by 10%, you get **70, 18.812, 68.976**, and if you desaturate by 10%, it is **76, 5.310, 71.302**.

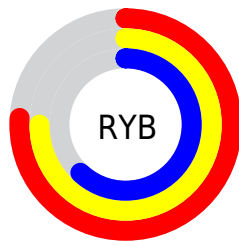
Distribution



Red (76%)

Green (69%)

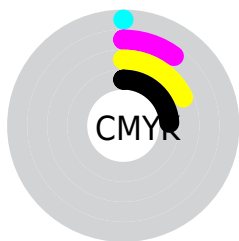
Blue (62%)



Red (76%)

Yellow (75%)

Blue (62%)

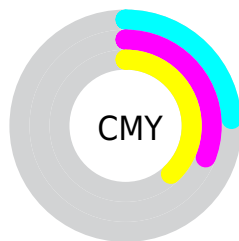


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (24%)



Cyan (24%)

Magenta (31%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 11.888, 70.145 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 73, 11.888, 70.145 by changing the saturation by 10% instead.

■ 73, 11.888, 70.145

■ 73, 11.888, 70.145

■ 100, 11.888,
70.145

■ 63, 11.888, 70.145

■ 93, 11.888, 70.145

■ 53, 11.888, 70.145

■ 43, 11.888, 70.145

■ 33, 11.888, 70.145

■ 23, 11.888, 70.145

■ 13, 11.888, 70.145

■ 3, 11.888, 70.145

■ 0, 11.888, 70.145

■ 73, 11.888, 70.145

■ 73, 11.888, 70.145

70, 18.812, 68.976

76, 5.310, 71.302

67, 26.095, 67.789

79, 0.952, 252.945

64, 33.731, 66.601

82, 6.927, 253.743

61, 41.659, 65.402

86, 12.647,
254.832

59, 49.721, 64.152

89, 17.524,
254.249

56, 57.561, 62.745

54, 64.498, 60.958

92, 16.301,
232.039

51, 69.767, 58.554

94, 17.579,
210.180

51, 70.574, 58.217

96, 19.609,
198.212

Harmonies

Complementary

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



73, 11.888, 70.145



72, 11.237, 254.915

Rectangle

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



73, 11.888, 70.145



73, 11.888, 120.145



73, 11.888, 250.145



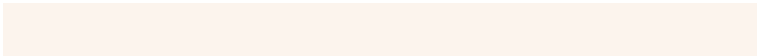
73, 11.888, 300.145

Sweetspot

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



73, 11.888, 70.157



97, 4.615, 71.552



69, 17.196, 343.425



52, 3.092, 71.484



0, 0.000, 0.000



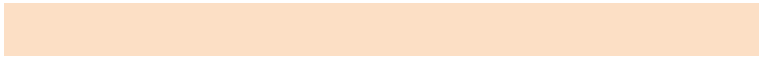
53, 0.007, 296.813

Same Dimension

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



73, 11.888, 70.157



91, 17.648, 69.700



78, 18.510, 106.995



39, 3.548, 71.202



42, 60.919, 58.805



6, 11.463, 55.144

Inverse Universe

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



72, 11.237, 254.915



89, 16.460, 255.550



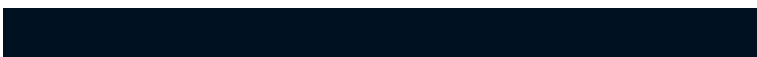
67, 19.252, 290.908



39, 3.458, 253.605



36, 47.858, 280.675



5, 12.445, 266.963

Previews

White Background



This preview shows how the CIELCh color 73, 11.888, 70.145 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 73, 11.888, 70.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

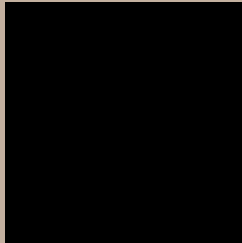
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 11.888, 70.145

Background



This preview shows how black text looks on a background with the CIELCh color 73, 11.888, 70.145.



This preview shows how white text looks on a background with the CIELCh color 73, 11.888, 70.145.

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

73, 11.888, 70.145

Protanopia

73, 10.723, 92.201

Deuteranopia

73, 14.227, 49.678



Tritanopia
73, 12.366, 342.674

Trichromacy



Original Color
73, 11.888, 70.145

Protanomaly
73, 10.806, 83.393

Deuteranomaly
73, 13.148, 55.047

Tritanomaly
73, 9.309, 10.155

Monochromacy



Original Color
73, 11.888, 70.145

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.404, 78.528

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 11.888, 70.145 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(195, 176, 159)` looks like.

```
.text, #text, p{  
    color:rgb(195, 176, 159)  
}
```

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(195, 176, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 176, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 11.888, 70.145 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(195, 176, 159) }
```

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

```
.border{ border-color:rgb(195, 176, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 176, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 176, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 176, 159);  
box-shadow:4px 4px 4px 4px rgb(195, 176,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 11.888, 70.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 176, 159) }
```

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

```
.background{ background-color: rgb(195,  
176, 159) }
```

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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