

Converting Colors

CIELCh(73, 11.557, 90.723)

Have a look what the booklet for
CIELCh(73, 11.557, 90.723) contains.

CIELCh(73, 11.500, 89.121)	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, 11.500, 89.121)

Conversions

Conversions Part 1

Format	Color
Hex	BCB29E
RGB	188, 178, 158
RGB Percent	74%, 70%, 62%
CMY	0.2616, 0.3008, 0.3793
CMYK	0.00, 0.05, 0.16, 0.26
HSL	40°, 18%, 68%
HSV	40°, 16%, 74%
XYZ	42.9866, 45.1644, 38.9290
YIQ	178.7100, 12.3800, -4.1000

Conversions

Conversions Part 2

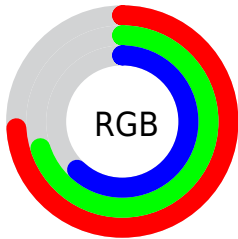
Format	Color
RYB	173, 188, 158
Decimal	12366494
CIELab	73.00, 0.18, 11.50
CIELCh	73, 11.500, 89.121
Yxy	45.1644, 0.3383, 0.3554
Android (android.graphics.Color)	4290556574 (0xFFBCB29E)
YUV	178.7100, -10.2100, 8.1473
Hunter-Lab	67.2044, -3.4321, 12.6987

Details

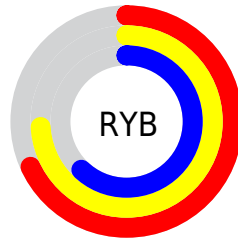
The CIELCh color **73, 11.500, 89.121** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69, 11.468, 273.322**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 11.396, 90.363**, and **53, 11.215, 86.604** is the 20% darker color. If you saturate the color by 10%, you get **71, 18.915, 87.840**, and if you desaturate by 10%, it is **75, 4.234, 90.354**.

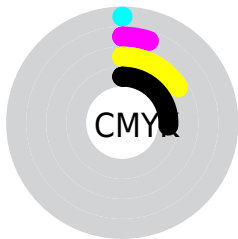
Distribution



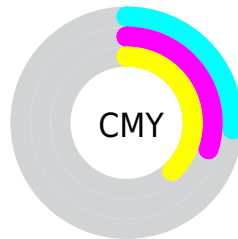
- Red (74%)
- Green (70%)
- Blue (62%)



- Red (68%)
- Yellow (74%)
- Blue (62%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (26%)



- Cyan (26%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 11.500, 89.121 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, 11.500, 89.121 by changing the saturation by 10% instead.

■ 73, 11.500, 89.121

■ 73, 11.500, 89.121

■ 100, 11.500,
89.121

■ 63, 11.500, 89.121

■ 93, 11.500, 89.121

■ 53, 11.500, 89.121

■ 43, 11.500, 89.121

■ 33, 11.500, 89.121

■ 23, 11.500, 89.121

■ 13, 11.500, 89.121

■ 3, 11.500, 89.121

■ 0, 11.500, 89.121

■ 73, 11.500, 89.121

■ 73, 11.500, 89.121

71, 18.915, 87.840

75, 4.234, 90.354

69, 26.455, 86.505

77, 2.881, 271.700

67, 34.067, 85.129

79, 9.848, 272.805

65, 41.639, 83.707

82, 16.676,
273.907

63, 48.958, 82.218

84, 23.374,
274.961

62, 55.643, 80.608

60, 61.084, 78.775

86, 22.070,
268.163

58, 64.565, 76.551

87, 19.999,
258.484

58, 65.710, 75.611

89, 18.597,
247.086

90, 18.005,
234.517

Harmonies

Complementary

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



73, 11.500, 89.121



69, 11.468, 273.322

Rectangle

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



73, 11.500, 89.121



73, 11.500, 139.121



73, 11.500, 269.121



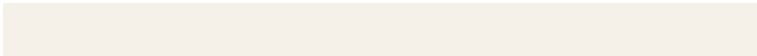
73, 11.500, 319.121

Sweetspot

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



73, 11.501, 89.131



95, 4.407, 90.450



68, 12.774, 355.211



50, 3.009, 90.371



98, 0.011, 296.813



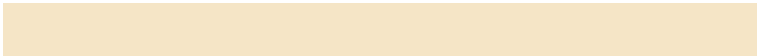
51, 0.007, 296.813

Same Dimension

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



73, 11.501, 89.131



92, 17.031, 88.701



75, 16.196, 115.565



39, 4.066, 89.949



49, 57.755, 76.022



7, 11.052, 79.265

Inverse Universe

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



69, 11.468, 273.322



85, 16.963, 273.850



67, 16.763, 297.965



37, 4.066, 272.376



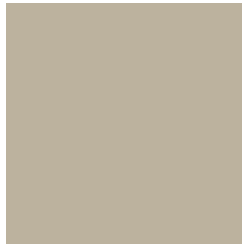
27, 67.589, 296.163



3, 13.465, 278.808

Previews

White Background



This preview shows how the CIELCh color 73, 11.500, 89.121 looks on a white background.

Color Contrast Check

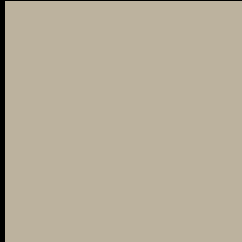
Large Text (above 18pt) WCAG AA × Fail

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, 11.500, 89.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

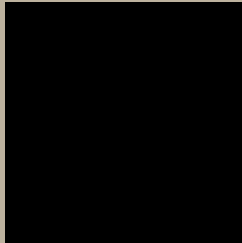
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

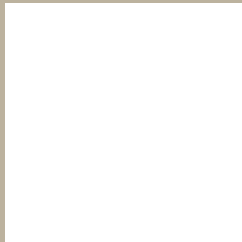
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 11.500, 89.121

Background



This preview shows how black text looks on a background with the CIELCh color 73, 11.500, 89.121.



This preview shows how white text looks on a background with the CIELCh color 73, 11.500, 89.121.

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, 11.500, 89.121

Protanopia

73, 11.764, 93.573

Deuteranopia

73, 14.530, 51.439



Tritanopia
73, 10.160, 331.877

Trichromacy



Original Color
73, 11.500, 89.121

Protanomaly
73, 11.764, 93.573

Deuteranomaly
73, 12.598, 63.058

Tritanomaly
73, 5.716, 14.385

Monochromacy



Original Color
73, 11.500, 89.121

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.463, 94.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 11.500, 89.121 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(188, 178, 158)` looks like.

```
.text, #text, p{  
    color:rgb(188, 178, 158)  
}
```

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(188, 178, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 178, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 11.500, 89.121 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(188, 178, 158) }
```

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

```
.border{ border-color:rgb(188, 178, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 178, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 178, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 178, 158);  
box-shadow:4px 4px 4px 4px rgb(188, 178,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 11.500, 89.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 178, 158) }
```

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

```
.background{ background-color: rgb(188,  
178, 158) }
```

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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