

Converting Colors

CIELCh(73, 19.713, 102.835)

Have a look what the booklet for
CIELCh(73, 19.713, 102.835)
contains.

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Color

CIELCh(73, 19.492, 102.348)

Conversions

Conversions Part 1

Format	Color
Hex	B9B490
RGB	185, 180, 144
RGB Percent	73%, 71%, 56%
CMY	0.2731, 0.2927, 0.4340
CMYK	0.00, 0.03, 0.22, 0.27
HSL	53°, 23%, 65%
HSV	53°, 22%, 73%
XYZ	41.5432, 45.1644, 33.0474
YIQ	177.3910, 14.5360, -10.1360

Conversions

Conversions Part 2

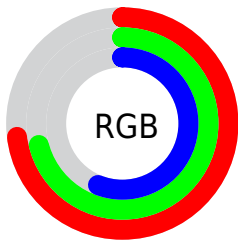
Format	Color
R_{YB}	150, 185, 144
Decimal	12170384
CIE _{Lab}	73.00, -4.17, 19.04
CIE _{LCh}	73, 19.492, 102.348
Yxy	45.1644, 0.3469, 0.3771
Android (android.graphics.Color)	4290360464 (0xFFB9B490)
YUV	177.3910, -16.4618, 6.6731
Hunter-Lab	67.2044, -7.2659, 17.8876

Details

The CIELCh color **73, 19.492, 102.348** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63, 20.222, 287.457**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 19.566, 103.080**, and **53, 19.589, 101.291** is the 20% darker color. If you saturate the color by 10%, you get **72, 28.252, 101.258**, and if you desaturate by 10%, it is **74, 10.679, 103.431**.

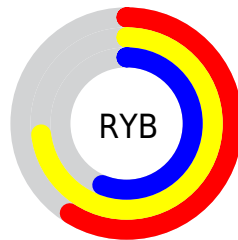
Distribution



Red (73%)

Green (71%)

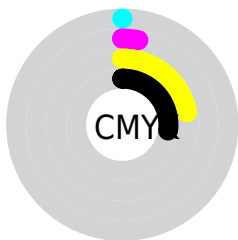
Blue (56%)



Red (59%)

Yellow (73%)

Blue (56%)

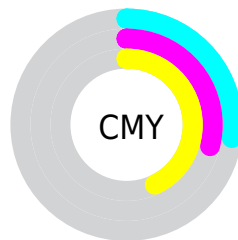


Cyan (0%)

Magenta (3%)

Yellow (22%)

Black (27%)



Cyan (27%)


Magenta (29%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 19.492, 102.348 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, 19.492, 102.348 by changing the saturation by 10% instead.


 73, 19.492,
102.348


 73, 19.492,
102.348


 100, 19.492,
102.348


 63, 19.492,
102.348


 93, 19.492,
102.348

 53, 19.492,
102.348

 43, 19.492,
102.348

 33, 19.492,
102.348

 23, 19.492,
102.348

 13, 19.492,
102.348

 3, 19.492, 102.348

0, 19.492, 102.348

73, 19.492,
102.348

73, 19.492,
102.348

72, 28.252,
101.258

74, 10.679,
103.431

71, 36.863,
100.158

75, 1.864, 104.439

70, 45.173, 99.066

76, 6.919, 285.538

70, 52.937, 97.999

77, 15.651,
286.516

69, 59.776, 96.970

78, 24.322,
287.458

68, 65.180, 95.987

80, 32.636,
288.286

67, 68.611, 95.044

80, 31.429,

■ 67, 70.100, 94.317 286.664

■ 81, 30.249,
284.922

■ 81, 29.098,
283.048

Harmonies

Complementary

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



73, 19.492, 102.348



63, 20.222, 287.457

Rectangle

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



73, 19.492, 102.348



73, 19.492, 152.348



73, 19.492, 282.348



73, 19.492, 332.348

Sweetspot

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



73, 19.493, 102.353



94, 7.586, 103.957



64, 16.595, 10.603



50, 4.927, 103.896



97, 0.011, 296.813



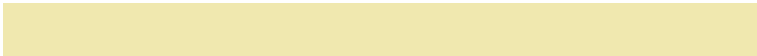
50, 0.007, 296.813

Same Dimension

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



73, 19.493, 102.353



91, 29.292, 101.773



73, 22.828, 123.134



38, 4.947, 103.726



57, 61.645, 94.443



8, 12.732, 101.241

Inverse Universe

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



63, 20.222, 287.457



76, 30.694, 288.267



62, 23.730, 305.537



36, 5.027, 285.770



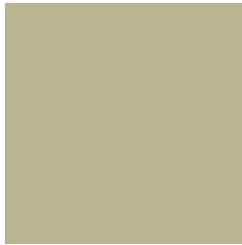
19, 86.111, 304.278



1, 14.008, 286.451

Previews

White Background



This preview shows how the CIELCh color 73, 19.492, 102.348 looks on a white background.

Color Contrast Check

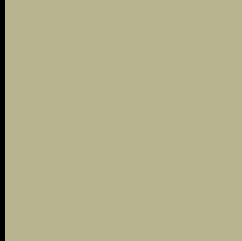
Large Text (above 18pt) WCAG AA × Fail

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, 19.492, 102.348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

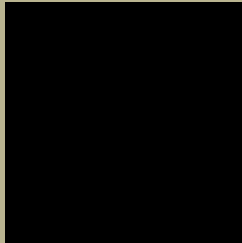
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

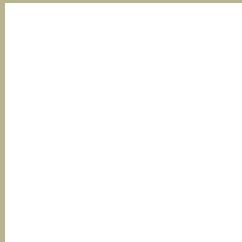
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 19.492, 102.348

Background



This preview shows how black text looks on a background with the CIELCh color 73, 19.492, 102.348.



This preview shows how white text looks on a background with the CIELCh color 73, 19.492, 102.348.

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, 19.492, 102.348

Protanopia

73, 19.391, 95.068

Deuteranopia

73, 20.522, 63.042



Tritanopia
73, 9.918, 330.228

Trichromacy



Original Color
73, 19.492, 102.348

Protanomaly
73, 19.218, 97.427

Deuteranomaly
73, 19.233, 76.646

Tritanomaly
73, 5.413, 43.232

Monochromacy



Original Color
73, 19.492, 102.348

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 7.066, 103.240

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 19.492, 102.348 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(185, 180, 144)` looks like.

```
.text, #text, p{  
    color:rgb(185, 180, 144)  
}
```

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(185, 180, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 180, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 19.492, 102.348 is called "border". The border property can be set on classes, ids or directly on the HTML element.

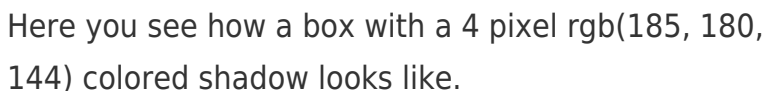
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 180, 144) }
```

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

```
.border{ border-color:rgb(185, 180, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 180, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 180, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 180, 144); box-shadow:4px 4px 4px 4px rgb(185, 180, 144) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 19.492, 102.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 180, 144) }
```

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

```
.background{ background-color: rgb(185,  
180, 144) }
```

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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