

# Converting Colors

CIELCh(73, 19.504, 39.817)

Have a look what the booklet for  
CIELCh(73, 19.504, 39.817) contains.

<b>CIELCh(73, 19.696, 39.896)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	20
<i><b>Color Blindness Simulation</b></i> .....	23
<i><b>CSS Examples</b></i> .....	26

# Color

**CIELCh(73, 19.696, 39.896)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7A99D
RGB	215, 169, 157
RGB Percent	84%, 66%, 62%
CMY	0.1575, 0.3379, 0.3849
CMYK	0.00, 0.21, 0.27, 0.16
HSL	12°, 42%, 73%
HSV	12°, 27%, 84%
XYZ	48.2026, 45.1644, 38.0032
YIQ	181.3860, 31.2680, 6.0200

# Conversions

## Conversions Part 2

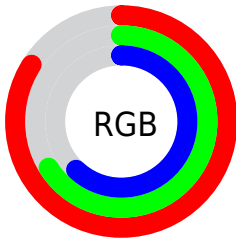
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 172, 157
Decimal	14133661
CIE <sub>Lab</sub>	73.00, 15.11, 12.63
CIE <sub>LCh</sub>	73, 19.696, 39.896
Yxy	45.1644, 0.3669, 0.3438
Android (android.graphics.Color)	4292323741 (0xFFD7A99D)
YUV	181.3860, -12.0223, 29.4795
Hunter-Lab	67.2044, 10.4219, 13.5154

# Details

The CIELCh color **73, 19.696, 39.896** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **79, 16.398, 221.573**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.157, 48.014**, and **53, 19.484, 40.009** is the 20% darker color. If you saturate the color by 10%, you get **68, 28.142, 40.024**, and if you desaturate by 10%, it is **78, 11.893, 39.924**.

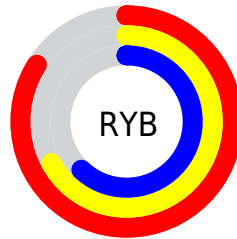
# Distribution



Red (84%)

Green (66%)

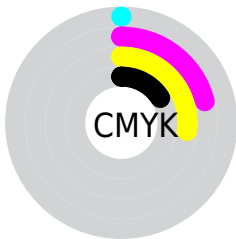
Blue (62%)



Red (84%)

Yellow (67%)

Blue (62%)

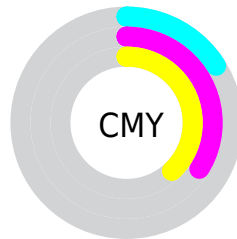


Cyan (0%)

Magenta (21%)

Yellow (27%)

Black (16%)



Cyan (16%)

Magenta (34%)

Yellow (38%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 19.696, 39.896 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, 19.696, 39.896 by changing the saturation by 10% instead.



 73, 19.696, 39.896

 73, 19.696, 39.896

 100, 19.696,  
39.896

 63, 19.696, 39.896

 93, 19.696, 39.896

 53, 19.696, 39.896

 43, 19.696, 39.896

 33, 19.696, 39.896

 23, 19.696, 39.896

 13, 19.696, 39.896

 3, 19.696, 39.896

 0, 19.696, 39.896

 73, 19.696, 39.896

 73, 19.696, 39.896

68, 28.142, 40.024

78, 11.893, 39.924

64, 37.245, 40.329

83, 4.697, 40.007

60, 46.963, 40.852

87, 1.945, 220.667

56, 57.163, 41.598

92, 8.091, 220.752

53, 67.528, 42.497

97, 13.136,  
200.820

50, 77.338, 43.288

97, 13.468,  
198.607

48, 85.150, 43.391

47, 87.226, 43.473

# Harmonies

# Complementary

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



73, 19.696, 39.896



79, 16.398, 221.573

# Rectangle

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



73, 19.696, 39.896



73, 19.696, 89.896



73, 19.696, 219.896



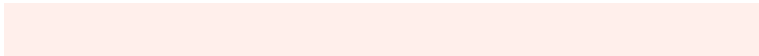
73, 19.696, 269.896

# Sweetspot

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



73, 19.695, 39.904



96, 6.203, 40.002



71, 32.745, 332.251



50, 4.436, 39.991



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, 19.695, 39.904



83, 27.437, 39.947



80, 22.599, 90.299



43, 3.841, 39.992



38, 73.147, 43.867



6, 19.336, 31.175





# Inverse Universe

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



79, 16.398, 221.573



90, 21.911, 221.985



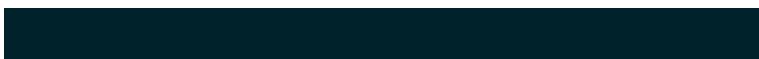
71, 22.702, 277.695



44, 3.624, 220.682



52, 32.646, 236.826



12, 12.650, 228.624



# Previews

## White Background



This preview shows how the CIELCh color 73, 19.696, 39.896 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, 19.696, 39.896 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

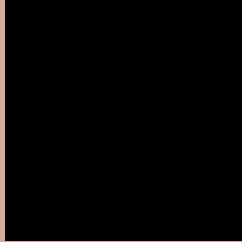
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 73, 19.696, 39.896

## Background



This preview shows how black text looks on a background with the CIELCh color 73, 19.696, 39.896.

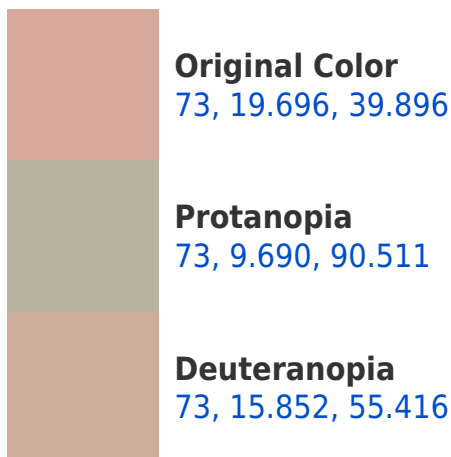


This preview shows how white text looks on a background with the CIELCh color 73, 19.696, 39.896.

# 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





**Tritanopia**  
73, 20.598, 3.076



# Trichromacy



**Original Color**  
73, 19.696, 39.896

**Protanomaly**  
73, 11.915, 62.594

**Deuteranomaly**  
73, 17.376, 48.102

**Tritanomaly**  
73, 19.215, 16.321

# Monochromacy



**Original Color**  
73, 19.696, 39.896

**Achromatopsia**  
74, 0.009, 296.813

**Achromatomaly**  
73, 6.703, 43.511

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 73, 19.696, 39.896 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(215, 169, 157)` looks like.

```
.text, #text, p{  
    color:rgb(215, 169, 157)  
}
```

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(215, 169, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 169, 157) }
```

## Border

The CSS property to change the border of an element to CIELCh 73, 19.696, 39.896 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(215, 169, 157) }
```

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

```
.border{ border-color:rgb(215, 169, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 169, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 169, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 169, 157); box-shadow:4px 4px 4px 4px rgb(215, 169, 157) }
```

# Background

The CSS property to change the background color of an element to CIELCh 73, 19.696, 39.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 169, 157) }
```

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

```
.background{ background-color: rgb(215,  
169, 157) }
```

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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