

Converting Colors

CIELCh(73, 17.358, 137.687)

Have a look what the booklet for
CIELCh(73, 17.358, 137.687)
contains.

CIELCh(73, 17.376, 137.684)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 17.376, 137.684)

Conversions

Conversions Part 1

Format	Color
Hex	A3B99D
RGB	163, 185, 157
RGB Percent	64%, 73%, 62%
CMY	0.3591, 0.2728, 0.3826
CMYK	0.12, 0.00, 0.15, 0.27
HSL	107°, 17%, 67%
HSV	107°, 15%, 73%
XYZ	38.7570, 45.1644, 38.7653
YIQ	175.2300, -4.1240, -13.3720

Conversions

Conversions Part 2

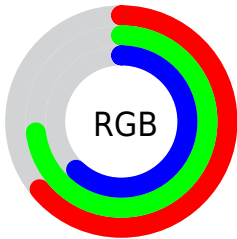
Format	Color
RYB	157, 185, 179
Decimal	10729885
CIELab	73.00, -12.85, 11.70
CIElCh	73, 17.376, 137.684
Yxy	45.1644, 0.3159, 0.3681
Android (android.graphics.Color)	4288919965 (0xFFA3B99D)
YUV	175.2300, -8.9874, -10.7257
Hunter-Lab	67.2044, -14.6664, 12.8431

Details

The CIELCh color **73, 17.376, 137.684** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 17.518, 319.029**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 17.144, 138.052**, and **53, 17.303, 138.106** is the 20% darker color. If you saturate the color by 10%, you get **72, 28.935, 137.133**, and if you desaturate by 10%, it is **74, 5.842, 138.192**.

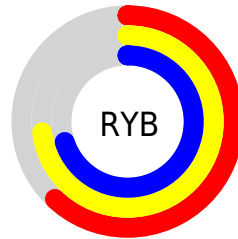
Distribution



Red (64%)

Green (73%)

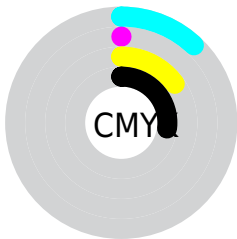
Blue (62%)



Red (62%)

Yellow (73%)

Blue (70%)

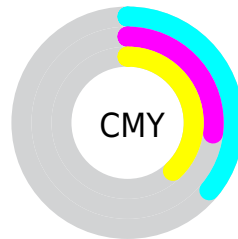


Cyan (12%)

Magenta (0%)

Yellow (15%)

Black (27%)



Cyan (36%)


Magenta (27%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 17.376, 137.684 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, 17.376, 137.684 by changing the saturation by 10% instead.


 73, 17.376,
137.684


 73, 17.376,
137.684


 100, 17.376,
137.684


 63, 17.376,
137.684


 93, 17.376,
137.684

 53, 17.376,
137.684

 43, 17.376,
137.684

 33, 17.376,
137.684

 23, 17.376,
137.684

 13, 17.376,
137.684

 3, 17.376, 137.684

0, 17.376, 137.684

73, 17.376,
137.684

73, 17.376,
137.684

72, 28.935,
137.133

74, 5.842, 138.192

70, 40.376,
136.526

76, 5.574, 318.548

69, 51.511,
135.879

78, 16.799,
318.938

68, 62.082,
135.229

80, 27.789,
319.257

68, 71.747,
134.640

82, 38.513,
319.528

67, 80.066,
134.215

83, 42.899,
324.227

84, 43.592,

■ 66, 86.549,
134.078

325.935

■ 66, 90.821,
134.330

■ 66, 92.363,
134.480

Harmonies

Complementary

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



73, 17.376, 137.684



68, 17.518, 319.029

Rectangle

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



73, 17.376, 137.684



73, 17.376, 187.684



73, 17.376, 317.684



73, 17.376, 7.684

Sweetspot

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



73, 17.378, 137.685



95, 7.105, 138.194



73, 12.082, 97.639



51, 4.890, 138.157



98, 0.011, 296.813



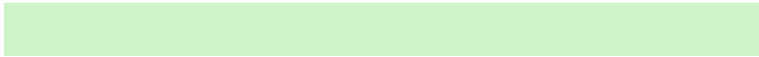
51, 0.007, 296.813

Same Dimension

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



73, 17.378, 137.685



92, 25.750, 137.515



73, 15.203, 152.563



38, 6.446, 137.980



56, 80.968, 134.343



8, 17.987, 140.092

Inverse Universe

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



68, 17.518, 319.029



84, 25.994, 319.172



68, 15.295, 334.621



36, 6.484, 318.768



31, 81.551, 320.304



2, 17.139, 315.709

Previews

White Background



This preview shows how the CIELCh color 73, 17.376, 137.684 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, 17.376, 137.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

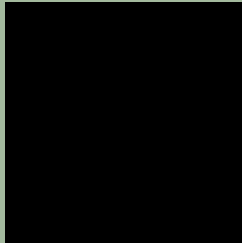
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 17.376, 137.684

Background



This preview shows how black text looks on a background with the CIELCh color 73, 17.376, 137.684.



This preview shows how white text looks on a background with the CIELCh color 73, 17.376, 137.684.

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, 17.376, 137.684

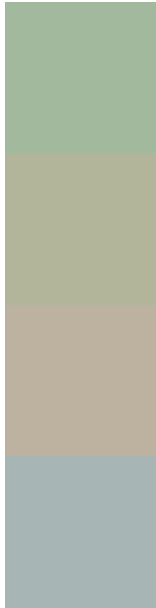
Protanopia
73, 13.561, 91.910

Deuteranopia
73, 13.957, 47.836



Tritanopia
73, 8.948, 265.126

Trichromacy



Original Color
73, 17.376, 137.684

Protanomaly
73, 14.050, 112.002

Deuteranomaly
73, 10.818, 83.383

Tritanomaly
73, 5.520, 193.391

Monochromacy



Original Color
73, 17.376, 137.684

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 6.238, 138.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 17.376, 137.684 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(163, 185, 157)` looks like.

```
.text, #text, p{  
    color:rgb(163, 185, 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(163, 185, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 185, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 17.376, 137.684 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(163, 185, 157) }
```

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

```
.border{ border-color:rgb(163, 185, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 185, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 185, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 185, 157);  
box-shadow:4px 4px 4px 4px rgb(163, 185,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 17.376, 137.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 185, 157) }
```

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

```
.background{ background-color: rgb(163,  
185, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor