

Converting Colors

CIELCh(73, 37.009, 124.622)

Have a look what the booklet for
CIELCh(73, 37.009, 124.622)
contains.

CIELCh(73, 37.341, 124.400)	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, 37.341, 124.400)

Conversions

Conversions Part 1

Format	Color
Hex	A1BD7A
RGB	161, 189, 122
RGB Percent	63%, 74%, 48%
CMY	0.3701, 0.2603, 0.5230
CMYK	0.15, 0.00, 0.36, 0.26
HSL	85°, 34%, 61%
HSV	85°, 36%, 74%
XYZ	36.2276, 45.1644, 25.1040
YIQ	172.9900, 4.8190, -26.7730

Conversions

Conversions Part 2

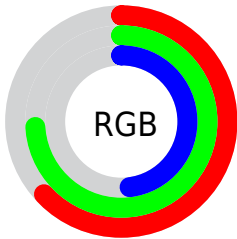
Format	Color
RYB	122, 189, 150
Decimal	10599802
CIELab	73.00, -21.10, 30.81
CIELCh	73, 37.341, 124.400
Yxy	45.1644, 0.3402, 0.4241
Android (android.graphics.Color)	4288789882 (0xFFA1BD7A)
YUV	172.9900, -25.1381, -10.5152
Hunter-Lab	67.2044, -21.3846, 24.8956

Details

The CIELCh color **73, 37.341, 124.400** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56, 39.644, 308.135**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 37.138, 124.044**, and **53, 37.727, 124.657** is the 20% darker color. If you saturate the color by 10%, you get **72, 47.439, 123.933**, and if you desaturate by 10%, it is **74, 26.954, 124.905**.

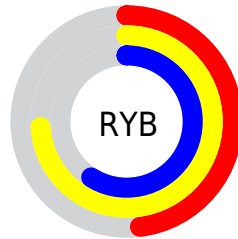
Distribution



Red (63%)

Green (74%)

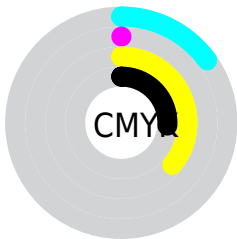
Blue (48%)



Red (48%)

Yellow (74%)

Blue (59%)

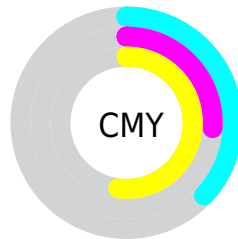


Cyan (15%)

Magenta (0%)

Yellow (36%)

Black (26%)



Cyan (37%)


Magenta (26%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 37.341, 124.400 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, 37.341, 124.400 by changing the saturation by 10% instead.

 73, 37.341,
124.400

 73, 37.341,
124.400


 100, 37.341,
124.400

 63, 37.341,
124.400


 93, 37.341,
124.400

 53, 37.341,
124.400

 43, 37.341,
124.400

 33, 37.341,
124.400

 23, 37.341,
124.400

 13, 37.341,
124.400

 3, 37.341, 124.400

■ 0, 37.341, 124.400

■ 73, 37.341,
124.400

■ 73, 37.341,
124.400

■ 72, 47.439,
123.933

■ 74, 26.954,
124.905

■ 71, 57.033,
123.546

■ 75, 16.414,
125.412

■ 71, 65.824,
123.315

■ 76, 5.823, 125.911

■ 70, 73.409,
123.341

■ 77, 4.752, 306.341

■ 70, 79.330,
123.748

■ 78, 15.263,
306.784

■ 69, 83.267,
124.631

■ 79, 25.673,
307.184

■ 81, 35.958,

■ 69, 84.664,
125.094

307.548

■ 81, 37.319,
311.279

■ 82, 38.172,
315.169

Harmonies

Complementary

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



73, 37.341, 124.400



56, 39.644, 308.135

Rectangle

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



73, 37.341, 124.400



73, 37.341, 174.400



73, 37.341, 304.400



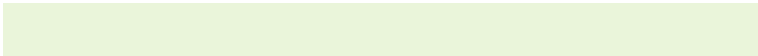
73, 37.341, 354.400

Sweetspot

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



73, 37.343, 124.402



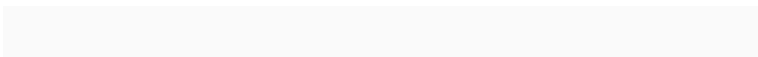
95, 14.385, 125.628



65, 22.955, 62.191



50, 9.663, 125.561



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, 37.343, 124.402



91, 55.504, 124.013



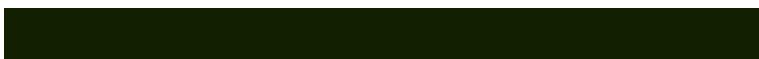
71, 43.131, 139.918



39, 5.998, 125.719



59, 74.163, 124.875



10, 18.657, 130.190

Inverse Universe

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



56, 39.644, 308.135



66, 59.884, 308.669



59, 43.347, 323.895



37, 6.092, 306.603



22, 88.700, 310.325



2, 17.868, 302.309

Previews

White Background



This preview shows how the CIELCh color 73, 37.341, 124.400 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 CIE LCh color 73, 37.341, 124.400 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

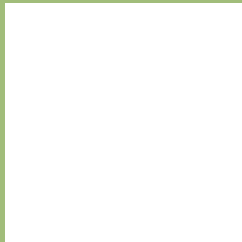
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 37.341, 124.400

Background



This preview shows how black text looks on a background with the CIELCh color 73, 37.341, 124.400.



This preview shows how white text looks on a background with the CIELCh color 73, 37.341, 124.400.

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, 37.341, 124.400

Protanopia
73, 33.266, 95.975

Deuteranopia
73, 30.913, 72.547



Tritanopia
73, 8.185, 267.840

Trichromacy



Original Color
73, 37.341, 124.400

Protanomaly
73, 33.568, 106.875

Deuteranomaly
72, 29.409, 93.322

Tritanomaly
73, 10.169, 145.673

Monochromacy



Original Color
73, 37.341, 124.400

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 14.231, 126.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 37.341, 124.400 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(161, 189, 122)` looks like.

```
.text, #text, p{  
    color:rgb(161, 189, 122)  
}
```

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(161, 189, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 189, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 37.341, 124.400 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(161, 189, 122) }
```

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

```
.border{ border-color:rgb(161, 189, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 189, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 189, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 189, 122);  
box-shadow:4px 4px 4px 4px rgb(161, 189,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 37.341, 124.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 189, 122) }
```

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

```
.background{ background-color: rgb(161,  
189, 122) }
```

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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