

Converting Colors

CIELCh(73, 36.886, 105.649)

Have a look what the booklet for
CIELCh(73, 36.886, 105.649)
contains.

CIELCh(73, 37.134, 105.887)	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, 37.134, 105.887)

Conversions

Conversions Part 1

Format	Color
Hex	B8B771
RGB	184, 183, 113
RGB Percent	72%, 72%, 44%
CMY	0.2790, 0.2829, 0.5574
CMYK	0.00, 0.01, 0.39, 0.28
HSL	59°, 33%, 58%
HSV	59°, 39%, 72%
XYZ	39.6046, 45.1644, 22.2106
YIQ	175.3190, 23.0660, -21.5580

Conversions

Conversions Part 2

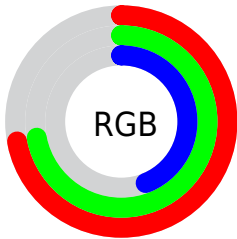
Format	Color
RYB	114, 184, 113
Decimal	12105585
CIELab	73.00, -10.17, 35.72
CIElCh	73, 37.134, 105.887
Yxy	45.1644, 0.3702, 0.4222
Android (android.graphics.Color)	4290295665 (0xFFB8B771)
YUV	175.3190, -30.7233, 7.6132
Hunter-Lab	67.2044, -12.4151, 27.4482

Details

The CIELCh color **73, 37.134, 105.887** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51, 40.849, 294.724**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 37.073, 105.994**, and **53, 37.240, 105.479** is the 20% darker color. If you saturate the color by 10%, you get **73, 46.168, 104.972**, and if you desaturate by 10%, it is **73, 27.737, 106.846**.

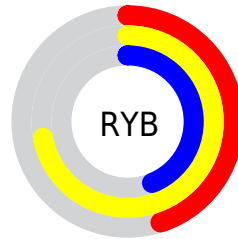
Distribution



Red (72%)

Green (72%)

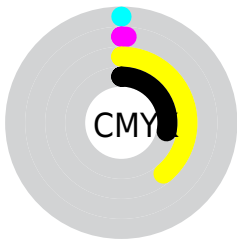
Blue (44%)



Red (45%)

Yellow (72%)

Blue (44%)

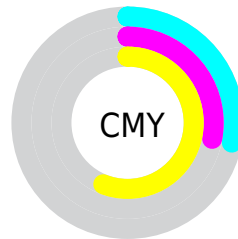


Cyan (0%)

Magenta (1%)

Yellow (39%)

Black (28%)



Cyan (28%)


Magenta (28%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 37.134, 105.887 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, 37.134, 105.887 by changing the saturation by 10% instead.


 73, 37.134,
105.887


 73, 37.134,
105.887


 100, 37.134,
105.887


 63, 37.134,
105.887


 93, 37.134,
105.887

 53, 37.134,
105.887

 43, 37.134,
105.887

 33, 37.134,
105.887

 23, 37.134,
105.887

 13, 37.134,
105.887

 3, 37.134, 105.887

0, 37.134, 105.887

73, 37.134,
105.887

73, 37.134,
105.887

73, 46.168,
104.972

73, 27.737,
106.846

72, 54.597,
104.119

74, 18.126,
107.818

72, 62.079,
103.364

74, 8.404, 108.786

75, 1.366, 289.800

72, 68.167,
102.745

75, 11.144,
290.692

72, 72.406,
102.294

76, 20.901,
291.593

72, 74.732,
102.008

77, 30.618,

■ 72, 75.011,
101.972

292.459

■ 77, 37.654,
293.030

■ 77, 37.507,
292.891

Harmonies

Complementary

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



73, 37.134, 105.887



51, 40.849, 294.724

Rectangle

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



73, 37.134, 105.887



73, 37.134, 155.887



73, 37.134, 285.887



73, 37.134, 335.887

Sweetspot

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



73, 37.135, 105.890



94, 14.522, 108.440



55, 30.374, 21.801



50, 9.624, 108.315



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, 37.135, 105.890



92, 54.346, 105.137



71, 40.322, 126.677



39, 5.522, 108.716



62, 66.308, 101.984



9, 14.848, 108.113

Inverse Universe

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



51, 40.849, 294.724



59, 61.417, 296.244



53, 42.691, 310.439



35, 5.640, 290.586



18, 91.807, 306.080



1, 15.224, 289.892

Previews

White Background



This preview shows how the CIELCh color 73, 37.134, 105.887 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, 37.134, 105.887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

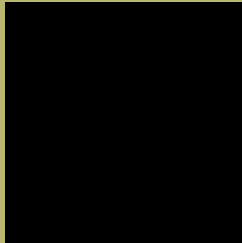
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 37.134, 105.887

Background



This preview shows how black text looks on a background with the CIELCh color 73, 37.134, 105.887.



This preview shows how white text looks on a background with the CIELCh color 73, 37.134, 105.887.

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, 37.134, 105.887

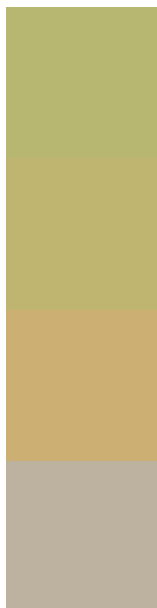
Protanopia
73, 36.921, 95.940

Deuteranopia
73, 36.273, 74.903



Tritanopia
73, 9.765, 333.992

Trichromacy



Original Color
73, 37.134, 105.887

Protanomaly
73, 36.524, 99.253

Deuteranomaly
73, 35.173, 86.251

Tritanomaly
73, 10.328, 82.172

Monochromacy



Original Color
73, 37.134, 105.887

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 14.063, 108.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 37.134, 105.887 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(184, 183, 113)` looks like.

```
.text, #text, p{  
    color:rgb(184, 183, 113)  
}
```

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(184, 183, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 183, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 37.134, 105.887 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(184, 183, 113) }
```

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

```
.border{ border-color:rgb(184, 183, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 183, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 183, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 183, 113);  
box-shadow:4px 4px 4px 4px rgb(184, 183,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 37.134, 105.887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 183, 113) }
```

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

```
.background{ background-color: rgb(184,  
183, 113) }
```

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