

Converting Colors

CIELCh(73, 42.491, 104.456)

Have a look what the booklet for
CIELCh(73, 42.491, 104.456)
contains.

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Color

CIELCh(73, 42.686, 104.273)

Conversions

Conversions Part 1

Format	Color
Hex	BAB766
RGB	186, 183, 102
RGB Percent	73%, 72%, 40%
CMY	0.2713, 0.2830, 0.6007
CMYK	0.00, 0.02, 0.45, 0.27
HSL	58°, 38%, 56%
HSV	58°, 45%, 73%
XYZ	39.4905, 45.1644, 19.1626
YIQ	174.6630, 27.7890, -24.5550

Conversions

Conversions Part 2

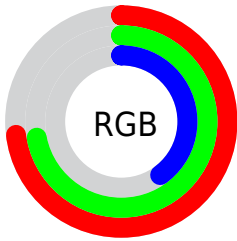
Format	Color
RYB	105, 186, 102
Decimal	12236646
CIELab	73.00, -10.52, 41.37
CIELCh	73, 42.686, 104.273
Yxy	45.1644, 0.3804, 0.4350
Android (android.graphics.Color)	4290426726 (0xFFBAB766)
YUV	174.6630, -35.8229, 9.9425
Hunter-Lab	67.2044, -12.7180, 30.1373

Details

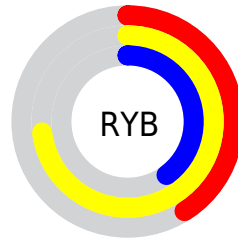
The CIELCh color $73, 42.686, 104.273$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $48, 47.747, 295.136$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 42.517, 104.624$, and $53, 42.638, 104.180$ is the 20% darker color. If you saturate the color by 10%, you get $73, 51.311, 103.357$, and if you desaturate by 10%, it is $73, 33.576, 105.242$.

Distribution



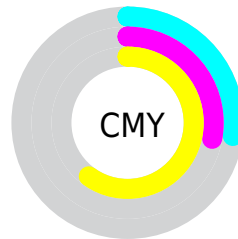
- Red (73%)
- Green (72%)
- Blue (40%)



- Red (41%)
- Yellow (73%)
- Blue (40%)



- Cyan (0%)
- Magenta (2%)
- Yellow (45%)
- Black (27%)





- Cyan (27%)
- Magenta (28%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 42.686, 104.273 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, 42.686, 104.273 by changing the saturation by 10% instead.


 73, 42.686,
104.273


 73, 42.686,
104.273


 100, 42.686,
104.273


 63, 42.686,
104.273


 93, 42.686,
104.273

 53, 42.686,
104.273

 43, 42.686,
104.273

 33, 42.686,
104.273

 23, 42.686,
104.273

 13, 42.686,
104.273

 3, 42.686, 104.273

0, 42.686, 104.273

73, 42.686,
104.273

73, 42.686,
104.273

73, 51.311,
103.357

73, 33.576,
105.242

72, 59.142,
102.513

74, 24.180,
106.232

72, 65.758,
101.777

75, 14.628,
107.227

72, 70.668,
101.181

75, 5.003, 108.204

71, 73.500,
100.740

76, 4.644, 289.202

71, 74.421,
100.560

76, 14.279,
290.130

77, 23.879,

291.032

■ 78, 33.430,
291.896

■ 78, 35.462,
291.808

Harmonies

Complementary

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



73, 42.686, 104.273



48, 47.747, 295.136

Rectangle

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



73, 42.686, 104.273



73, 42.686, 154.273



73, 42.686, 284.273



73, 42.686, 334.273

Sweetspot

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



73, 42.687, 104.276



94, 16.720, 107.322



53, 36.310, 20.461



51, 11.632, 107.107



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, 42.687, 104.276



92, 62.306, 103.383



71, 46.928, 125.154



39, 5.404, 107.804



61, 65.282, 100.592



9, 14.412, 106.928

Inverse Universe

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



48, 47.747, 295.136



54, 72.167, 297.148



50, 50.520, 309.764



36, 5.515, 289.706



18, 90.751, 305.761



1, 14.977, 289.248

Previews

White Background



This preview shows how the CIELCh color 73, 42.686, 104.273 looks on a white background.

Color Contrast Check

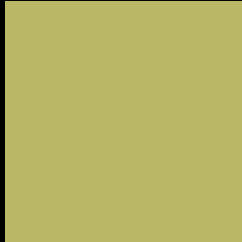
Large Text (above 18pt) WCAG AA × Fail

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, 42.686, 104.273 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, 42.686, 104.273

Background



This preview shows how black text looks on a background with the CIELCh color 73, 42.686, 104.273.



This preview shows how white text looks on a background with the CIELCh color 73, 42.686, 104.273.

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, 42.686, 104.273

Protanopia

73, 42.099, 95.440

Deuteranopia

73, 41.394, 76.963



Tritanopia
73, 11.211, 337.769

Trichromacy



Original Color
73, 42.686, 104.273

Protanomaly
73, 42.179, 98.418

Deuteranomaly
73, 40.415, 86.962

Tritanomaly
73, 12.827, 81.461

Monochromacy



Original Color
73, 42.686, 104.273

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 15.696, 107.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 42.686, 104.273 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(186, 183, 102)` looks like.

```
.text, #text, p{  
    color:rgb(186, 183, 102)  
}
```

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(186, 183, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 183, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 42.686, 104.273 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(186, 183, 102) }
```

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

```
.border{ border-color:rgb(186, 183, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 183, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 183, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 183, 102);  
box-shadow:4px 4px 4px 4px rgb(186, 183,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 42.686, 104.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 183, 102) }
```

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

```
.background{ background-color: rgb(186,  
183, 102) }
```

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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