

Converting Colors

CIELCh(73, 42.118, 97.392)

Have a look what the booklet for
CIELCh(73, 42.118, 97.392) contains.

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Color

CIELCh(73, 42.317, 97.258)

Conversions

Conversions Part 1

Format	Color
Hex	C3B465
RGB	195, 180, 101
RGB Percent	76%, 71%, 40%
CMY	0.2354, 0.2942, 0.6040
CMYK	0.00, 0.08, 0.48, 0.24
HSL	50°, 44%, 58%
HSV	50°, 48%, 76%
XYZ	41.1575, 45.1644, 18.8516
YIQ	175.4790, 34.2990, -21.3890

Conversions

Conversions Part 2

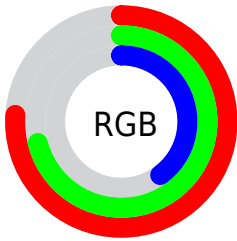
Format	Color
RYB	119, 195, 101
Decimal	12825701
CIELab	73.00, -5.35, 41.98
CIELCh	73, 42.317, 97.258
Yxy	45.1644, 0.3913, 0.4294
Android (android.graphics.Color)	4291015781 (0xFFC3B465)
YUV	175.4790, -36.7181, 17.1199
Hunter-Lab	67.2044, -8.2903, 30.4116

Details

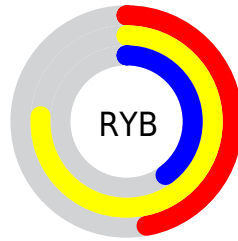
The CIELCh color **73, 42.317, 97.258** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **51, 46.022, 290.399**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 42.672, 97.568**, and **53, 42.192, 97.153** is the 20% darker color. If you saturate the color by 10%, you get **72, 50.506, 96.101**, and if you desaturate by 10%, it is **74, 33.731, 98.424**.

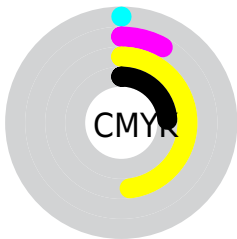
Distribution



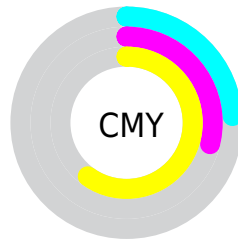
- Red (76%)
- Green (71%)
- Blue (40%)



- Red (47%)
- Yellow (76%)
- Blue (40%)



- Cyan (0%)
- Magenta (8%)
- Yellow (48%)
- Black (24%)



- Cyan (24%)
- Magenta (29%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 42.317, 97.258 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, 42.317, 97.258 by changing the saturation by 10% instead.

■ 73, 42.317, 97.258

■ 73, 42.317, 97.258

■ 100, 42.317,
97.258

■ 63, 42.317, 97.258

■ 93, 42.317, 97.258

■ 53, 42.317, 97.258

■ 43, 42.317, 97.258

■ 33, 42.317, 97.258

■ 23, 42.317, 97.258

■ 13, 42.317, 97.258

■ 3, 42.317, 97.258

■ 0, 42.317, 97.258

■ 73, 42.317, 97.258

■ 73, 42.317, 97.258

72, 50.506, 96.101

74, 33.731, 98.424

71, 57.966, 94.950

75, 24.949, 99.580

70, 64.207, 93.808

76, 16.094,
100.717

69, 68.622, 92.658

78, 7.237, 101.822

68, 70.881, 91.467

79, 1.583, 283.006

68, 71.210, 91.255

80, 10.342,
283.979

82, 19.030,
284.973

83, 26.628,
285.561

84, 25.057,
282.634

Harmonies

Complementary

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



73, 42.317, 97.258



51, 46.022, 290.399

Rectangle

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



73, 42.317, 97.258



73, 42.317, 147.258



73, 42.317, 277.258



73, 42.317, 327.258

Sweetspot

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



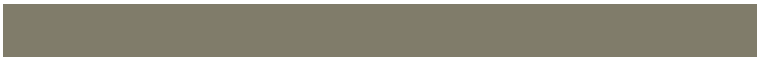
73, 42.318, 97.261



97, 15.248, 101.164



54, 39.982, 12.299



52, 10.618, 100.919



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, 42.318, 97.261



91, 62.002, 96.021



75, 50.469, 120.462



40, 4.974, 101.697



57, 61.768, 91.441



10, 15.263, 96.422

Inverse Universe

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



51, 46.022, 290.399



58, 69.643, 292.956



50, 55.765, 306.405



38, 5.044, 283.824



21, 85.550, 303.398



2, 17.298, 286.473

Previews

White Background



This preview shows how the CIELCh color 73, 42.317, 97.258 looks on a white background.

Color Contrast Check

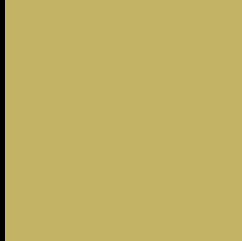
Large Text (above 18pt) WCAG AA × Fail

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, 42.317, 97.258 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, 42.317, 97.258

Background



This preview shows how black text looks on a background with the CIELCh color 73, 42.317, 97.258.



This preview shows how white text looks on a background with the CIELCh color 73, 42.317, 97.258.

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, 42.317, 97.258

Protanopia

73, 42.099, 95.440

Deuteranopia

73, 42.321, 77.494



Tritanopia
73, 14.574, 349.421

Trichromacy



Original Color
73, 42.317, 97.258

Protanomaly
73, 42.013, 96.020

Deuteranomaly
73, 41.791, 84.294

Tritanomaly
73, 15.083, 65.483

Monochromacy



Original Color
73, 42.317, 97.258

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 15.809, 101.373

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 42.317, 97.258 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(195, 180, 101)` looks like.

```
.text, #text, p{  
    color:rgb(195, 180, 101)  
}
```

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(195, 180, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 180, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 42.317, 97.258 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(195, 180, 101) }
```

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

```
.border{ border-color:rgb(195, 180, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 180, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 180, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 180, 101);  
box-shadow:4px 4px 4px 4px rgb(195, 180,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 42.317, 97.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 180, 101) }
```

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

```
.background{ background-color: rgb(195,  
180, 101) }
```

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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