

Converting Colors

CIELCh(73, 43.994, 93.361)

Have a look what the booklet for
CIELCh(73, 43.994, 93.361) contains.

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Color

CIELCh(73, 43.994, 93.361)

Conversions

Conversions Part 1

Format	Color
Hex	C8B261
RGB	200, 178, 97
RGB Percent	78%, 70%, 38%
CMY	0.2143, 0.3007, 0.6184
CMYK	0.00, 0.11, 0.51, 0.21
HSL	47°, 49%, 58%
HSV	47°, 51%, 79%
XYZ	42.0673, 45.1644, 17.8842
YIQ	175.3440, 39.1130, -20.5270

Conversions

Conversions Part 2

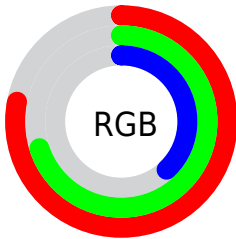
Format	Color
RYB	125, 200, 97
Decimal	13152865
CIELab	73.00, -2.58, 43.92
CIELCh	73, 43.994, 93.361
Yxy	45.1644, 0.4002, 0.4297
Android (android.graphics.Color)	4291342945 (0xFFC8B261)
YUV	175.3440, -38.6236, 21.6233
Hunter-Lab	67.2044, -5.8738, 31.2651

Details

The CIELCh color **73, 43.994, 93.361** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **52, 47.110, 288.329**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 44.012, 95.552**, and **53, 44.131, 93.493** is the 20% darker color. If you saturate the color by 10%, you get **72, 52.009, 92.087**, and if you desaturate by 10%, it is **74, 35.579, 94.623**.

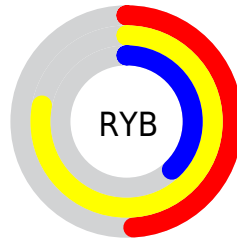
Distribution



Red (78%)

Green (70%)

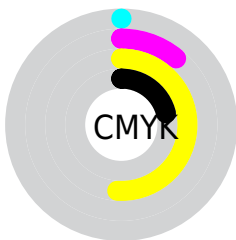
Blue (38%)



Red (49%)

Yellow (78%)

Blue (38%)

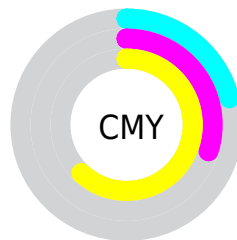


Cyan (0%)

Magenta (11%)

Yellow (51%)

Black (21%)



Cyan (21%)

Magenta (30%)

Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 43.994, 93.361 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, 43.994, 93.361 by changing the saturation by 10% instead.

 73, 43.994, 93.361

 73, 43.994, 93.361

 100, 43.994,
93.361

 63, 43.994, 93.361

 93, 43.994, 93.361

 53, 43.994, 93.361

 43, 43.994, 93.361

 33, 43.994, 93.361

 23, 43.994, 93.361

 13, 43.994, 93.361

 3, 43.994, 93.361

 0, 43.994, 93.361

 73, 43.994, 93.361

 73, 43.994, 93.361

72, 52.009, 92.087

74, 35.579, 94.623

70, 59.250, 90.782

76, 26.989, 95.861

69, 65.156, 89.422

77, 18.354, 97.072

68, 69.053, 87.949

79, 9.746, 98.247

67, 70.803, 86.573

80, 1.205, 99.273

82, 7.250, 280.537

84, 15.612,
281.583

85, 22.549,
281.853

87, 20.558,
276.620

Harmonies

Complementary

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



73, 43.994, 93.361



52, 47.110, 288.329

Rectangle

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



73, 43.994, 93.361



73, 43.994, 143.361



73, 43.994, 273.361



73, 43.994, 323.361

Sweetspot

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



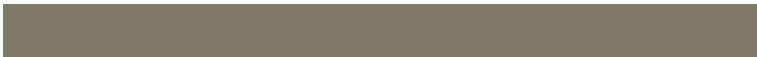
73, 43.995, 93.365



97, 15.586, 97.808



54, 43.764, 9.222



51, 10.644, 97.557



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, 43.995, 93.365



89, 63.704, 91.899



77, 54.224, 118.230



41, 4.802, 98.482



55, 60.885, 86.851



11, 15.784, 91.206

Inverse Universe

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



52, 47.110, 288.329



58, 70.413, 291.324



49, 60.940, 305.238



39, 4.852, 280.717



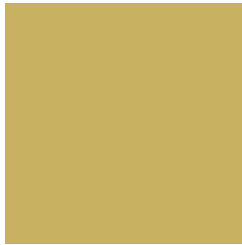
23, 81.861, 301.721



3, 18.345, 285.537

Previews

White Background



This preview shows how the CIELCh color 73, 43.994, 93.361 looks on a white background.

Color Contrast Check

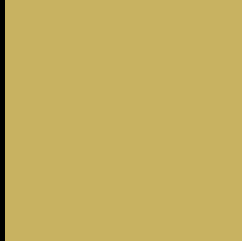
Large Text (above 18pt) WCAG AA × Fail

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, 43.994, 93.361 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, 43.994, 93.361

Background



This preview shows how black text looks on a background with the CIELCh color 73, 43.994, 93.361.

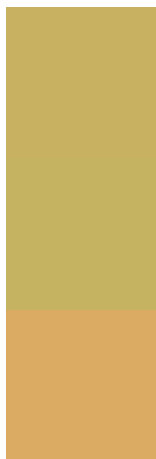


This preview shows how white text looks on a background with the CIELCh color 73, 43.994, 93.361.

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, 43.994, 93.361

Protanopia

73, 43.574, 95.621

Deuteranopia

73, 44.403, 77.985



Tritanopia
73, 16.377, 355.540

Trichromacy



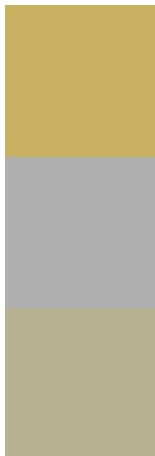
Original Color
73, 43.994, 93.361

Protanomaly
73, 43.664, 95.060

Deuteranomaly
73, 44.065, 83.951

Tritanomaly
73, 17.641, 59.981

Monochromacy



Original Color
73, 43.994, 93.361

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 16.534, 97.391

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 43.994, 93.361 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(200, 178, 97)` looks like.

```
.text, #text, p{  
    color:rgb(200, 178, 97)  
}
```

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(200, 178, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 178, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 43.994, 93.361 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(200, 178, 97) }
```

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

```
.border{ border-color:rgb(200, 178, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 178, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 178, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 178, 97);  
box-shadow:4px 4px 4px 4px rgb(200, 178,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 43.994, 93.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 178, 97) }
```

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

```
.background{ background-color: rgb(200,  
178, 97) }
```

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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