

Converting Colors

CIELCh(73, 51.517, 84.736)

Have a look what the booklet for
CIELCh(73, 51.517, 84.736) contains.

CIELCh(73, 51.554, 84.697)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(73, 51.554, 84.697)

Conversions

Conversions Part 1

Format	Color
Hex	D7AE53
RGB	215, 174, 83
RGB Percent	84%, 68%, 33%
CMY	0.1582, 0.3189, 0.6757
CMYK	0.00, 0.19, 0.61, 0.16
HSL	41°, 62%, 58%
HSV	41°, 61%, 84%
XYZ	44.5469, 45.1644, 14.4923
YIQ	175.8850, 53.6470, -19.6090

Conversions

Conversions Part 2

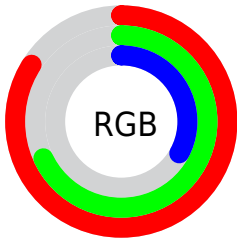
Format	Color
RYB	142, 215, 83
Decimal	14134867
CIELab	73.00, 4.76, 51.33
CIElCh	73, 51.554, 84.697
Yxy	45.1644, 0.4275, 0.4334
Android (android.graphics.Color)	4292324947 (0xFFD7AE53)
YUV	175.8850, -45.7923, 34.3039
Hunter-Lab	67.2044, 0.7120, 34.2575

Details

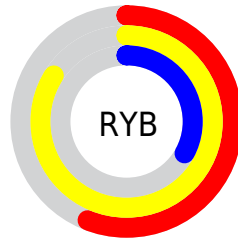
The CIELCh color **73, 51.554, 84.697** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **53, 52.915, 285.165**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 48.940, 93.629**, and **53, 51.482, 84.724** is the 20% darker color. If you saturate the color by 10%, you get **71, 59.275, 83.166**, and if you desaturate by 10%, it is **75, 43.252, 86.149**.

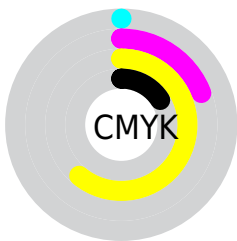
Distribution



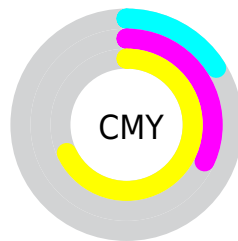
- Red (84%)
- Green (68%)
- Blue (33%)



- Red (56%)
- Yellow (84%)
- Blue (33%)



- Cyan (0%)
- Magenta (19%)
- Yellow (61%)
- Black (16%)



- Cyan (16%)
- Magenta (32%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 51.554, 84.697 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, 51.554, 84.697 by changing the saturation by 10% instead.

73, 51.554, 84.697

73, 51.554, 84.697

100, 51.554,
84.697

63, 51.554, 84.697

93, 51.554, 84.697

53, 51.554, 84.697

43, 51.554, 84.697

33, 51.554, 84.697

23, 51.554, 84.697

13, 51.554, 84.697

3, 51.554, 84.697

0, 51.554, 84.697

73, 51.554, 84.697

73, 51.554, 84.697

71, 59.275, 83.166

75, 43.252, 86.149

69, 65.823, 81.472

77, 34.727, 87.544

68, 70.395, 79.485

79, 26.180, 88.898

66, 72.601, 77.512

81, 17.711, 90.211

83, 9.373, 91.477

86, 1.183, 92.534

88, 6.853, 273.955

90, 14.739,
275.071

92, 12.595,
260.749

Harmonies

Complementary

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



73, 51.554, 84.697



53, 52.915, 285.165

Rectangle

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



73, 51.554, 84.697



73, 51.554, 134.697



73, 51.554, 264.697



73, 51.554, 314.697

Sweetspot

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



73, 51.554, 84.700



95, 17.022, 90.635



54, 55.514, 4.140



50, 11.861, 90.258



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, 51.554, 84.700



83, 70.118, 82.637



82, 65.952, 113.343



44, 4.619, 91.728



54, 61.283, 77.969



12, 18.469, 81.024

Inverse Universe

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



53, 52.915, 285.165



55, 74.496, 289.432



44, 77.935, 303.808



42, 4.629, 274.158



28, 74.627, 297.624



4, 21.675, 285.260

Previews

White Background



This preview shows how the CIELCh color 73, 51.554, 84.697 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, 51.554, 84.697 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, 51.554, 84.697

Background



This preview shows how black text looks on a background with the CIELCh color 73, 51.554, 84.697.



This preview shows how white text looks on a background with the CIELCh color 73, 51.554, 84.697.

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, 51.554, 84.697

Protanopia

73, 50.314, 95.746

Deuteranopia

73, 52.316, 79.737



Tritanopia
73, 23.271, 5.541

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 51.554, 84.697 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(215, 174, 83)` looks like.

```
.text, #text, p{  
    color:rgb(215, 174, 83)  
}
```

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(215, 174, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 174, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 51.554, 84.697 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(215, 174, 83) }
```

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

```
.border{ border-color:rgb(215, 174, 83) }
```

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

Here you see how a box with a 4 pixel rgb(215, 174, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 174, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 174, 83);  
box-shadow:4px 4px 4px 4px rgb(215, 174,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 51.554, 84.697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 174, 83) }
```

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

```
.background{ background-color: rgb(215,  
174, 83) }
```

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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