

Converting Colors

CIELCh(73, 49.264, 99.782)

Have a look what the booklet for
CIELCh(73, 49.264, 99.782) contains.

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Color

CIELCh(73, 49.291, 99.755)

Conversions

Conversions Part 1

Format	Color
Hex	C0B557
RGB	192, 181, 87
RGB Percent	75%, 71%, 34%
CMY	0.2454, 0.2886, 0.6573
CMYK	0.00, 0.06, 0.55, 0.25
HSL	54°, 46%, 55%
HSV	54°, 55%, 75%
XYZ	40.1843, 45.1644, 15.6972
YIQ	173.5730, 36.7300, -26.9020

Conversions

Conversions Part 2

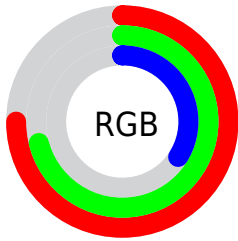
Format	Color
RYB	99, 192, 87
Decimal	12629335
CIELab	73.00, -8.35, 48.58
CIELCh	73, 49.291, 99.755
Yxy	45.1644, 0.3977, 0.4470
Android (android.graphics.Color)	4290819415 (0xFFC0B557)
YUV	173.5730, -42.6805, 16.1605
Hunter-Lab	67.2044, -10.8753, 33.1945

Details

The CIELCh color **73, 49.291, 99.755** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **45, 55.798, 294.360**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 49.631, 100.086**, and **53, 49.281, 99.527** is the 20% darker color. If you saturate the color by 10%, you get **72, 57.144, 98.739**, and if you desaturate by 10%, it is **74, 40.757, 100.814**.

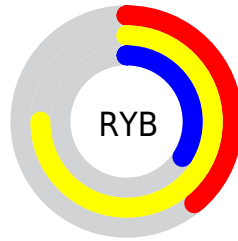
Distribution



Red (75%)

Green (71%)

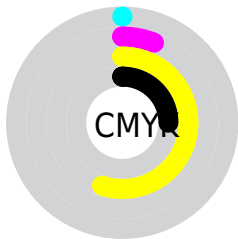
Blue (34%)



Red (39%)

Yellow (75%)

Blue (34%)

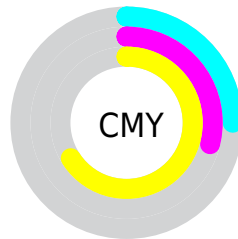


Cyan (0%)

Magenta (6%)

Yellow (55%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 49.291, 99.755 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, 49.291, 99.755 by changing the saturation by 10% instead.

73, 49.291, 99.755

73, 49.291, 99.755

100, 49.291,
99.755

63, 49.291, 99.755

93, 49.291, 99.755

53, 49.291, 99.755

43, 49.291, 99.755

33, 49.291, 99.755

23, 49.291, 99.755

13, 49.291, 99.755

3, 49.291, 99.755

0, 49.291, 99.755

73, 49.291, 99.755

73, 49.291, 99.755

72, 57.144, 98.739

74, 40.757,
100.814

72, 63.881, 97.775

75, 31.832,
101.890

71, 68.958, 96.877

70, 71.879, 96.041

75, 22.702,
102.969

70, 72.838, 95.605

76, 13.478,
104.037

77, 4.231, 105.070

78, 5.000, 286.138

80, 14.190,
287.110

81, 23.323,
288.054

82, 29.467,
288.261

Harmonies

Complementary

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



73, 49.291, 99.755



45, 55.798, 294.360

Rectangle

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



73, 49.291, 99.755



73, 49.291, 149.755



73, 49.291, 279.755



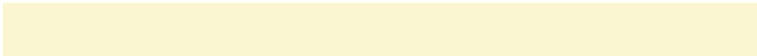
73, 49.291, 329.755

Sweetspot

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



73, 49.292, 99.758



96, 18.278, 103.860



51, 45.370, 17.558



51, 12.338, 103.640



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 49.292, 99.758



91, 71.719, 98.496



73, 56.606, 122.221



41, 5.265, 104.583



59, 63.781, 95.710



11, 16.355, 100.488

Inverse Universe

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



45, 55.798, 294.360



50, 85.324, 297.418



46, 62.948, 308.371



38, 5.356, 286.612



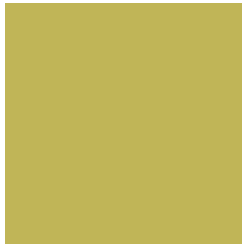
20, 89.441, 304.686



2, 18.032, 288.196

Previews

White Background



This preview shows how the CIELCh color 73, 49.291, 99.755 looks on a white background.

Color Contrast Check

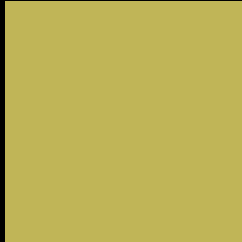
Large Text (above 18pt) WCAG AA × Fail

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, 49.291, 99.755 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, 49.291, 99.755

Background



This preview shows how black text looks on a background with the CIELCh color 73, 49.291, 99.755.



This preview shows how white text looks on a background with the CIELCh color 73, 49.291, 99.755.

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, 49.291, 99.755

Protanopia

73, 48.942, 95.605

Deuteranopia

73, 48.746, 79.402



Tritanopia
73, 13.647, 349.624

Trichromacy



Original Color
73, 49.291, 99.755

Protanomaly
73, 49.149, 97.185

Deuteranomaly
73, 48.216, 86.965

Tritanomaly
73, 17.148, 74.389

Monochromacy



Original Color
73, 49.291, 99.755

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 18.444, 103.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 49.291, 99.755 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(192, 181, 87)` looks like.

```
.text, #text, p{  
    color:rgb(192, 181, 87)  
}
```

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(192, 181, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 181, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 49.291, 99.755 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(192, 181, 87) }
```

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

```
.border{ border-color:rgb(192, 181, 87) }
```

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

Here you see how a box with a 4 pixel rgb(192, 181, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 181, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 181, 87);  
box-shadow:4px 4px 4px 4px rgb(192, 181,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 49.291, 99.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 181, 87) }
```

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

```
.background{ background-color: rgb(192,  
181, 87) }
```

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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