

Converting Colors

CIELCh(73, 51.806, 95.328)

Have a look what the booklet for
CIELCh(73, 51.806, 95.328) contains.

CIELCh(73, 51.806, 95.328)	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, 51.806, 95.328)

Conversions

Conversions Part 1

Format	Color
Hex	C7B351
RGB	199, 179, 81
RGB Percent	78%, 70%, 32%
CMY	0.2182, 0.2967, 0.6811
CMYK	0.00, 0.10, 0.59, 0.22
HSL	50°, 51%, 55%
HSV	50°, 59%, 78%
XYZ	41.3326, 45.1644, 14.3866
YIQ	173.8080, 43.3780, -26.2380

Conversions

Conversions Part 2

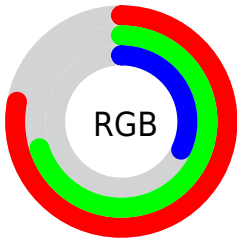
Format	Color
RYB	105, 199, 81
Decimal	13087569
CIELab	73.00, -4.81, 51.58
CIELCh	73, 51.806, 95.328
Yxy	45.1644, 0.4097, 0.4477
Android (android.graphics.Color)	4291277649 (0xFFC7B351)
YUV	173.8080, -45.7543, 22.0934
Hunter-Lab	67.2044, -7.8252, 34.3507

Details

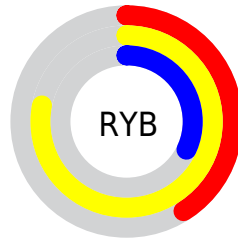
The CIELCh color **73, 51.806, 95.328** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **46, 57.982, 292.572**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 51.536, 96.907**, and **53, 51.822, 95.692** is the 20% darker color. If you saturate the color by 10%, you get **72, 59.279, 94.152**, and if you desaturate by 10%, it is **74, 43.566, 96.514**.

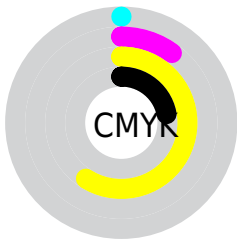
Distribution



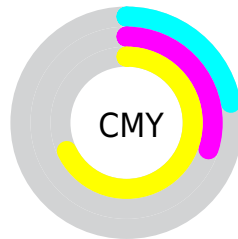
- Red (78%)
- Green (70%)
- Blue (32%)



- Red (41%)
- Yellow (78%)
- Blue (32%)



- Cyan (0%)
- Magenta (10%)
- Yellow (59%)
- Black (22%)



- Cyan (22%)
- Magenta (30%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 51.806, 95.328 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, 51.806, 95.328 by changing the saturation by 10% instead.

■ 73, 51.806, 95.328

■ 73, 51.806, 95.328

■ 100, 51.806,
95.328

■ 63, 51.806, 95.328

■ 93, 51.806, 95.328

■ 53, 51.806, 95.328

■ 43, 51.806, 95.328

■ 33, 51.806, 95.328

■ 23, 51.806, 95.328

■ 13, 51.806, 95.328

■ 3, 51.806, 95.328

■ 0, 51.806, 95.328

■ 73, 51.806, 95.328

■ 73, 51.806, 95.328

72, 59.279, 94.152

74, 43.566, 96.514

71, 65.466, 92.970

75, 34.907, 97.696

70, 69.734, 91.762

77, 26.047, 98.868

69, 71.865, 90.493

78, 17.114,
100.022

69, 72.011, 90.392

79, 8.180, 101.143

80, 0.712, 282.453

82, 9.538, 283.328

83, 18.289,
284.335

85, 23.976,
284.062

Harmonies

Complementary

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



73, 51.806, 95.328



46, 57.982, 292.572

Rectangle

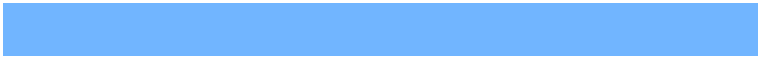
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 51.806, 95.328



73, 51.806, 145.328



73, 51.806, 275.328



73, 51.806, 325.328

Sweetspot

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



73, 51.807, 95.331



97, 19.581, 100.129



51, 50.320, 13.729



51, 13.614, 99.792



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, 51.807, 95.331



89, 73.645, 93.819



76, 61.652, 119.342



41, 5.029, 101.124



57, 62.150, 90.597



11, 16.615, 94.984

Inverse Universe

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



46, 57.982, 292.572



50, 86.794, 296.071



44, 70.397, 306.881



39, 5.097, 283.276



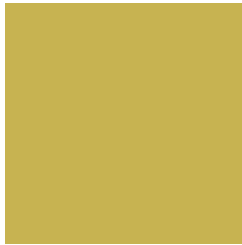
22, 85.805, 303.143



2, 18.978, 286.985

Previews

White Background



This preview shows how the CIELCh color 73, 51.806, 95.328 looks on a white background.

Color Contrast Check

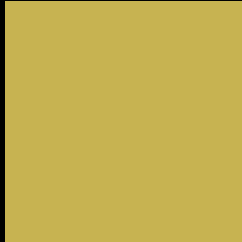
Large Text (above 18pt) WCAG AA × Fail

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, 51.806, 95.328 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, 51.806, 95.328

Background



This preview shows how black text looks on a background with the CIELCh color 73, 51.806, 95.328.



This preview shows how white text looks on a background with the CIELCh color 73, 51.806, 95.328.

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, 51.806, 95.328

Protanopia

73, 51.806, 95.328

Deuteranopia

73, 51.657, 80.005



Tritanopia
73, 16.377, 355.540

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 51.806, 95.328 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(199, 179, 81)` looks like.

```
.text, #text, p{  
  color:rgb(199, 179, 81)  
}
```

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(199, 179, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 179, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 51.806, 95.328 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(199, 179, 81) }
```

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

```
.border{ border-color:rgb(199, 179, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 179, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 179, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 179, 81);  
box-shadow:4px 4px 4px 4px rgb(199, 179,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 51.806, 95.328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 179, 81) }
```

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

```
.background{ background-color: rgb(199,  
179, 81) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor