

Converting Colors

CIELCh(76, 39.136, 101.515)

Have a look what the booklet for
CIELCh(76, 39.136, 101.515)
contains.

CIELCh(76, 39.105, 101.536)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 39.105, 101.536)

Conversions

Conversions Part 1

Format	Color
Hex	C6BE74
RGB	198, 190, 116
RGB Percent	78%, 75%, 45%
CMY	0.2249, 0.2562, 0.5464
CMYK	0.00, 0.04, 0.41, 0.22
HSL	54°, 42%, 61%
HSV	54°, 41%, 78%
XYZ	44.6660, 49.8872, 23.6989
YIQ	183.9560, 28.5220, -21.3180

Conversions

Conversions Part 2

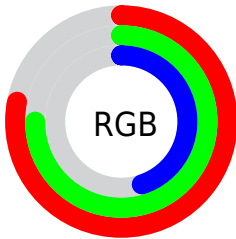
Format	Color
RYB	125, 198, 116
Decimal	13024884
CIELab	76.00, -7.82, 38.32
CIELCh	76, 39.105, 101.536
Yxy	49.8872, 0.3777, 0.4219
Android (android.graphics.Color)	4291214964 (0xFFC6BE74)
YUV	183.9560, -33.5023, 12.3166
Hunter-Lab	70.6309, -10.7231, 29.5480

Details

The CIELCh color **76, 39.105, 101.536** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54, 42.604, 291.904**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 39.025, 101.933**, and **56, 39.170, 101.428** is the 20% darker color. If you saturate the color by 10%, you get **75, 48.018, 100.487**, and if you desaturate by 10%, it is **77, 29.852, 102.609**.

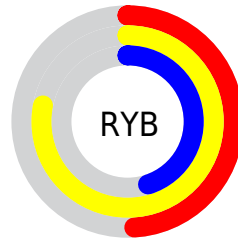
Distribution



Red (78%)

Green (75%)

Blue (45%)



Red (49%)

Yellow (78%)

Blue (45%)

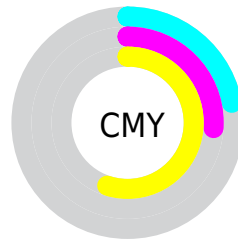


Cyan (0%)

Magenta (4%)

Yellow (41%)

Black (22%)



Cyan (22%)


Magenta (26%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 39.105, 101.536 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 76, 39.105, 101.536 by changing the saturation by 10% instead.


 76, 39.105,
101.536


 76, 39.105,
101.536


 100, 39.105,
101.536


 66, 39.105,
101.536


 96, 39.105,
101.536

 56, 39.105,
101.536

 46, 39.105,
101.536

 36, 39.105,
101.536

 26, 39.105,
101.536

 16, 39.105,
101.536

 6, 39.105, 101.536

0, 39.105, 101.536

76, 39.105,
101.536

76, 39.105,
101.536

75, 48.018,
100.487

77, 29.852,
102.609

75, 56.322, 99.470

78, 20.420,
103.679

74, 63.620, 98.508

79, 10.912,
104.734

73, 69.378, 97.619

73, 73.052, 96.806

80, 1.390, 105.706

72, 74.659, 96.157

81, 8.109, 286.801

82, 17.563,
287.765

83, 26.958,

288.693

■ 83, 26.449,
287.214

■ 84, 25.449,
285.493

Harmonies

Complementary

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



76, 39.105, 101.536



54, 42.604, 291.904

Rectangle

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



76, 39.105, 101.536



76, 39.105, 151.536



76, 39.105, 281.536



76, 39.105, 331.536

Sweetspot

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



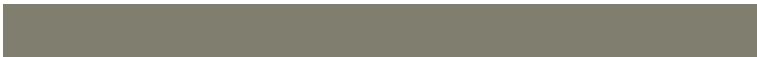
76, 39.106, 101.539



99, 14.039, 104.660



58, 34.470, 16.042



52, 9.313, 104.521



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 39.106, 101.539



95, 57.420, 100.561



76, 44.895, 123.418



42, 5.421, 104.950



61, 64.828, 96.257



12, 18.106, 100.291

Inverse Universe

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



54, 42.604, 291.904



62, 64.343, 293.835



55, 48.357, 307.959



39, 5.517, 286.973



20, 91.010, 304.851



2, 20.039, 289.159

Previews

White Background



This preview shows how the CIELCh color 76, 39.105, 101.536 looks on a white background.

Color Contrast Check

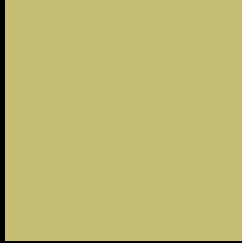
Large Text (above 18pt) WCAG AA × Fail

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 76, 39.105, 101.536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

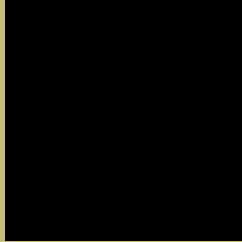
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 39.105, 101.536

Background



This preview shows how black text looks on a background with the CIELCh color 76, 39.105, 101.536.



This preview shows how white text looks on a background with the CIELCh color 76, 39.105, 101.536.

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


76, 39.105, 101.536

Protanopia

76, 38.851, 95.207

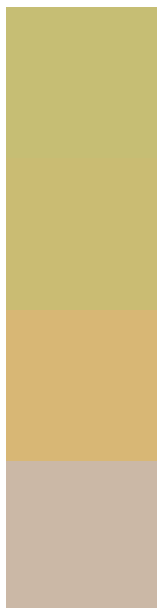
Deuteranopia

76, 38.720, 75.727



Tritanopia
76, 12.269, 342.632

Trichromacy



Original Color
76, 39.105, 101.536

Protanomaly
76, 38.995, 97.763

Deuteranomaly
76, 38.007, 85.079

Tritanomaly
76, 12.210, 71.716

Monochromacy



Original Color
76, 39.105, 101.536

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 14.524, 104.147

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 39.105, 101.536 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(198, 190, 116)` looks like.

```
.text, #text, p{  
    color:rgb(198, 190, 116)  
}
```

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(198, 190, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 190, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 39.105, 101.536 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(198, 190, 116) }
```

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

```
.border{ border-color:rgb(198, 190, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 190, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 190, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 190, 116);  
box-shadow:4px 4px 4px 4px rgb(198, 190,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 39.105, 101.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 190, 116) }
```

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

```
.background{ background-color: rgb(198,  
190, 116) }
```

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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