

Converting Colors

CIELCh(76, 37.137, 96.238)

Have a look what the booklet for
CIELCh(76, 37.137, 96.238) contains.

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Color

CIELCh(76, 37.137, 96.238)

Conversions

Conversions Part 1

Format	Color
Hex	CCBC77
RGB	204, 188, 119
RGB Percent	80%, 74%, 47%
CMY	0.2017, 0.2644, 0.5349
CMYK	0.00, 0.08, 0.42, 0.20
HSL	49°, 45%, 63%
HSV	49°, 42%, 80%
XYZ	45.9835, 49.8872, 24.5347
YIQ	184.9180, 31.6850, -18.0670

Conversions

Conversions Part 2

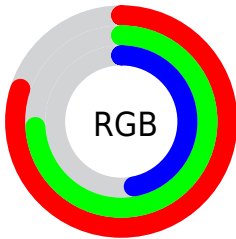
Format	Color
RYB	139, 204, 119
Decimal	13417591
CIELab	76.00, -4.04, 36.92
CIELCh	76, 37.137, 96.238
Yxy	49.8872, 0.3819, 0.4143
Android (android.graphics.Color)	4291607671 (0xFFCCBC77)
YUV	184.9180, -32.4976, 16.7349
Hunter-Lab	70.6309, -7.3935, 28.8464

Details

The CIELCh color **76, 37.137, 96.238** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58, 39.376, 287.550**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 36.702, 100.559**, and **56, 37.124, 96.477** is the 20% darker color. If you saturate the color by 10%, you get **75, 45.771, 95.025**, and if you desaturate by 10%, it is **77, 28.282, 97.446**.

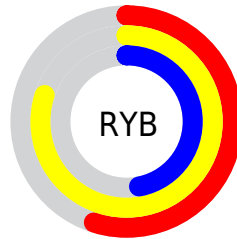
Distribution



Red (80%)

Green (74%)

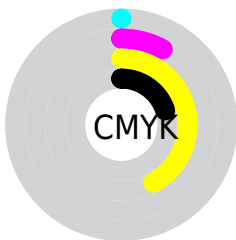
Blue (47%)



Red (55%)

Yellow (80%)

Blue (47%)

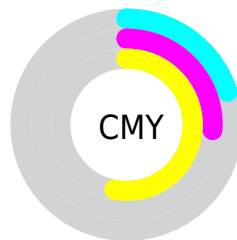


Cyan (0%)

Magenta (8%)

Yellow (42%)

Black (20%)



Cyan (20%)


Magenta (26%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 37.137, 96.238 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, 37.137, 96.238 by changing the saturation by 10% instead.

 76, 37.137, 96.238

 76, 37.137, 96.238

 100, 37.137,
96.238

 66, 37.137, 96.238

 96, 37.137, 96.238

 56, 37.137, 96.238

 46, 37.137, 96.238


 36, 37.137, 96.238


 26, 37.137, 96.238

 16, 37.137, 96.238

 6, 37.137, 96.238

 0, 37.137, 96.238

 76, 37.137, 96.238

 76, 37.137, 96.238

75, 45.771, 95.025

77, 28.282, 97.446

74, 53.936, 93.800

79, 19.346, 98.629

72, 61.239, 92.565

80, 10.412, 99.781

71, 67.106, 91.303

82, 1.525, 100.820

70, 70.879, 89.971

83, 7.290, 282.026

69, 72.467, 88.797

85, 16.021,
283.055

86, 21.515,
282.460

87, 19.716,
277.646

88, 18.082,
271.953

Harmonies

Complementary

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



76, 37.137, 96.238



58, 39.376, 287.550

Rectangle

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



76, 37.137, 96.238



76, 37.137, 146.238



76, 37.137, 276.238



76, 37.137, 326.238

Sweetspot

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



76, 37.138, 96.242



98, 13.856, 99.618



60, 35.601, 8.504



52, 9.704, 99.363



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, 37.138, 96.242



92, 53.158, 95.156



78, 45.304, 119.407



42, 5.036, 100.043



57, 62.284, 89.032



12, 17.754, 92.986

Inverse Universe

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



58, 39.376, 287.550



65, 57.514, 289.539



55, 49.488, 304.835



40, 5.098, 282.237



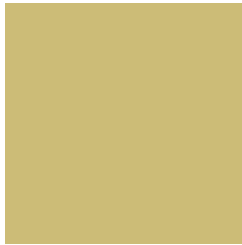
23, 85.270, 302.614



3, 20.488, 287.333

Previews

White Background



This preview shows how the CIELCh color 76, 37.137, 96.238 looks on a white background.

Color Contrast Check

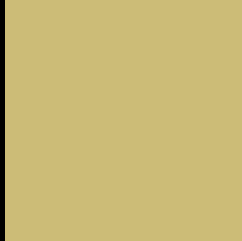
Large Text (above 18pt) WCAG AA × Fail

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, 37.137, 96.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

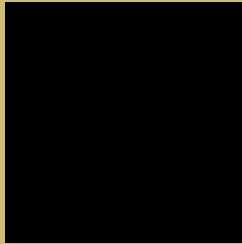
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 37.137, 96.238

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.137, 96.238.



This preview shows how white text looks on a background with the CIELCh color 76, 37.137, 96.238.

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, 37.137, 96.238

Protanopia

76, 36.751, 95.484

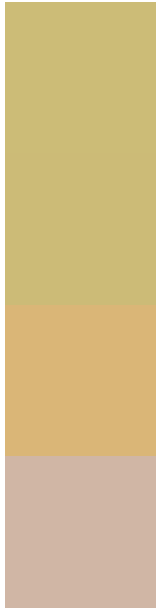
Deuteranopia

76, 37.801, 75.071



Tritanopia
76, 13.863, 350.417

Trichromacy



Original Color
76, 37.137, 96.238

Protanomaly
76, 36.751, 95.484

Deuteranomaly
76, 37.141, 82.570

Tritanomaly
76, 13.765, 61.247

Monochromacy



Original Color
76, 37.137, 96.238

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 13.606, 98.953

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 37.137, 96.238 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(204, 188, 119)` looks like.

```
.text, #text, p{  
    color:rgb(204, 188, 119)  
}
```

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(204, 188, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 188, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.137, 96.238 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(204, 188, 119) }
```

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

```
.border{ border-color:rgb(204, 188, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 188, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 188, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 188, 119);  
box-shadow:4px 4px 4px 4px rgb(204, 188,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.137, 96.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 188, 119) }
```

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

```
.background{ background-color: rgb(204,  
188, 119) }
```

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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