

Converting Colors

CIELCh(76, 30.266, 99.640)

Have a look what the booklet for
CIELCh(76, 30.266, 99.640) contains.

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Color

CIELCh(76, 30.061, 99.451)

Conversions

Conversions Part 1

Format	Color
Hex	C6BC84
RGB	198, 188, 132
RGB Percent	78%, 74%, 52%
CMY	0.2218, 0.2611, 0.4808
CMYK	0.00, 0.05, 0.33, 0.22
HSL	51°, 37%, 65%
HSV	51°, 33%, 78%
XYZ	45.6676, 49.8872, 29.1953
YIQ	184.6060, 23.9360, -15.2960

Conversions

Conversions Part 2

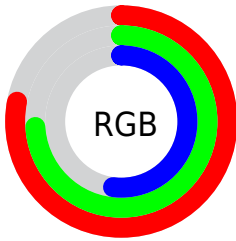
Format	Color
RYB	144, 198, 132
Decimal	13024388
CIELab	76.00, -4.94, 29.65
CIELCh	76, 30.061, 99.451
Yxy	49.8872, 0.3661, 0.3999
Android (android.graphics.Color)	4291214468 (0xFFC6BC84)
YUV	184.6060, -25.9348, 11.7465
Hunter-Lab	70.6309, -8.1919, 24.9341

Details

The CIELCh color **76, 30.061, 99.451** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60, 31.679, 287.810**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 29.761, 99.667**, and **56, 29.960, 99.677** is the 20% darker color. If you saturate the color by 10%, you get **75, 38.940, 98.305**, and if you desaturate by 10%, it is **77, 21.046, 100.595**.

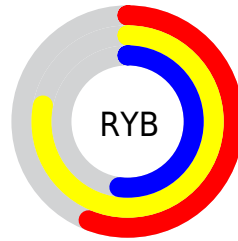
Distribution



Red (78%)

Green (74%)

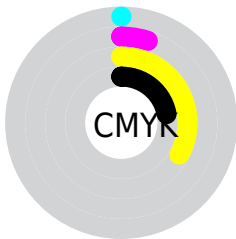
Blue (52%)



Red (56%)

Yellow (78%)

Blue (52%)

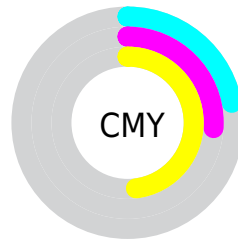


Cyan (0%)

Magenta (5%)

Yellow (33%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 30.061, 99.451 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, 30.061, 99.451 by changing the saturation by 10% instead.

 76, 30.061, 99.451

 76, 30.061, 99.451

 100, 30.061,
99.451

 66, 30.061, 99.451

 96, 30.061, 99.451

 56, 30.061, 99.451

 46, 30.061, 99.451

 36, 30.061, 99.451

 26, 30.061, 99.451

 16, 30.061, 99.451

 6, 30.061, 99.451

 0, 30.061, 99.451

 76, 30.061, 99.451

 76, 30.061, 99.451

75, 38.940, 98.305

77, 21.046,
100.595

74, 47.515, 97.156

78, 11.988,
101.711

73, 55.517, 96.017

72, 62.527, 94.896

80, 2.944, 102.771

71, 67.973, 93.786

81, 6.052, 283.895

70, 71.265, 92.665

82, 14.984,
284.900

70, 72.463, 91.896

84, 23.842,
285.871

85, 24.159,
283.659

85, 22.692,
280.429

86, 21.306,
276.785

Harmonies

Complementary

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



76, 30.061, 99.451



60, 31.679, 287.810

Rectangle

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



76, 30.061, 99.451



76, 30.061, 149.451



76, 30.061, 279.451



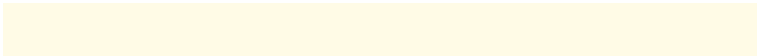
76, 30.061, 329.451

Sweetspot

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



76, 30.062, 99.455



98, 11.059, 102.053



62, 27.269, 9.589



52, 7.548, 101.898



0, 0.000, 0.000



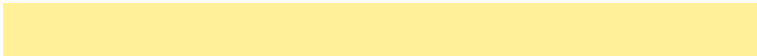
53, 0.007, 296.813

Same Dimension

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



76, 30.062, 99.455



94, 44.184, 98.614



77, 35.867, 121.218



41, 5.124, 102.136



58, 62.753, 92.071



11, 16.974, 96.410

Inverse Universe

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



60, 31.679, 287.810



71, 47.293, 289.195



60, 38.252, 305.201



39, 5.199, 284.255



21, 87.266, 303.640



2, 19.241, 287.551

Previews

White Background



This preview shows how the CIELCh color 76, 30.061, 99.451 looks on a white background.

Color Contrast Check

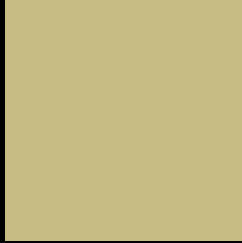
Large Text (above 18pt) WCAG AA × Fail

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 76, 30.061, 99.451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

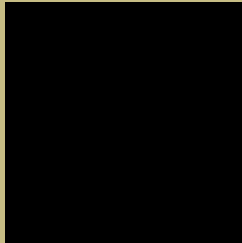
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 30.061, 99.451

Background



This preview shows how black text looks on a background with the CIELCh color 76, 30.061, 99.451.



This preview shows how white text looks on a background with the CIELCh color 76, 30.061, 99.451.

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, 30.061, 99.451

Protanopia

76, 29.951, 95.421

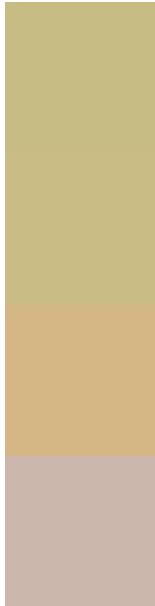
Deuteranopia

76, 30.421, 71.613



Tritanopia
76, 12.596, 340.685

Trichromacy



Original Color
76, 30.061, 99.451

Protanomaly
76, 30.268, 97.117

Deuteranomaly
76, 29.401, 81.583

Tritanomaly
76, 9.745, 57.006

Monochromacy



Original Color
76, 30.061, 99.451

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 10.837, 100.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 30.061, 99.451 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, 188, 132)` looks like.

```
.text, #text, p{  
    color:rgb(198, 188, 132)  
}
```

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, 188, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 188, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 30.061, 99.451 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, 188, 132) }
```

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

```
.border{ border-color:rgb(198, 188, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 188, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 188, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 188, 132);  
box-shadow:4px 4px 4px 4px rgb(198, 188,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 30.061, 99.451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 188, 132) }
```

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

```
.background{ background-color: rgb(198,  
188, 132) }
```

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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