

Converting Colors

CIELCh(76, 43.577, 97.060)

Have a look what the booklet for
CIELCh(76, 43.577, 97.060) contains.

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Color

CIELCh(76, 43.609, 97.035)

Conversions

Conversions Part 1

Format	Color
Hex	CCBC6A
RGB	204, 188, 106
RGB Percent	80%, 74%, 42%
CMY	0.1997, 0.2624, 0.5840
CMYK	0.00, 0.08, 0.48, 0.20
HSL	50°, 49%, 61%
HSV	50°, 48%, 80%
XYZ	45.5261, 49.8872, 20.8838
YIQ	183.4360, 35.8580, -22.1100

Conversions

Conversions Part 2

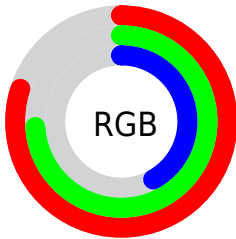
Format	Color
R _Y B	125, 204, 106
Decimal	13417578
CIE Lab	76.00, -5.34, 43.28
CIE LCh	76, 43.609, 97.035
Yxy	49.8872, 0.3915, 0.4290
Android (android.graphics.Color)	4291607658 (0xFFCCBC6A)
YUV	183.4360, -38.1759, 18.0346
Hunter-Lab	70.6309, -8.5495, 31.9110

Details

The CIELCh color **76, 43.609, 97.035** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **53, 47.353, 290.204**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 43.072, 100.970**, and **56, 43.506, 96.935** is the 20% darker color. If you saturate the color by 10%, you get **75, 52.095, 95.867**, and if you desaturate by 10%, it is **77, 34.717, 98.211**.

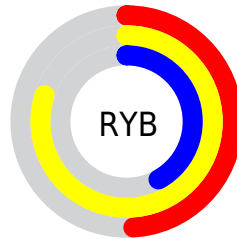
Distribution



Red (80%)

Green (74%)

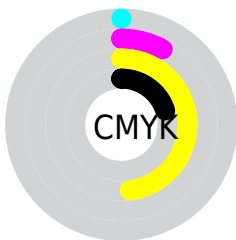
Blue (42%)



Red (49%)

Yellow (80%)

Blue (42%)

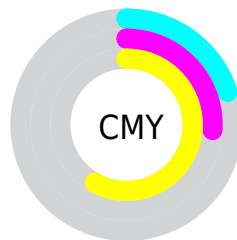


Cyan (0%)

Magenta (8%)

Yellow (48%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 43.609, 97.035 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, 43.609, 97.035 by changing the saturation by 10% instead.

 76, 43.609, 97.035

 76, 43.609, 97.035

 100, 43.609,
97.035

 66, 43.609, 97.035

 96, 43.609, 97.035

 56, 43.609, 97.035

 46, 43.609, 97.035

 36, 43.609, 97.035

 26, 43.609, 97.035

 16, 43.609, 97.035

 6, 43.609, 97.035

 0, 43.609, 97.035

 76, 43.609, 97.035

 76, 43.609, 97.035

75, 52.095, 95.867

77, 34.717, 98.211

74, 59.830, 94.702

78, 25.629, 99.375

73, 66.303, 93.543

80, 16.469,
100.520

72, 70.878, 92.371

81, 7.310, 101.631

71, 73.168, 91.147

82, 1.806, 282.815

71, 73.517, 90.904

84, 10.858,
283.799

85, 19.833,
284.799

86, 21.326,
282.501

87, 19.753,
278.325

Harmonies

Complementary

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



76, 43.609, 97.035



53, 47.353, 290.204

Rectangle

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



76, 43.609, 97.035



76, 43.609, 147.035



76, 43.609, 277.035



76, 43.609, 327.035

Sweetspot

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



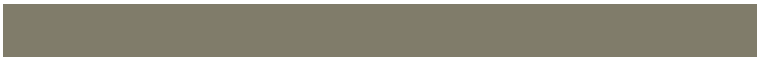
76, 43.610, 97.038



98, 15.314, 100.952



57, 41.331, 12.290



52, 10.578, 100.707



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, 43.610, 97.038



91, 62.322, 95.781



78, 52.178, 120.464



42, 5.169, 101.482



58, 63.067, 91.104



12, 18.250, 94.988

Inverse Universe

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



53, 47.353, 290.204



59, 69.884, 292.786



52, 57.648, 306.402



40, 5.241, 283.629



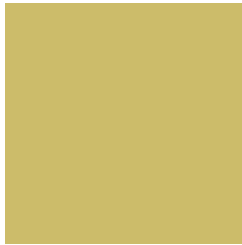
22, 87.407, 303.352



3, 20.880, 288.093

Previews

White Background



This preview shows how the CIELCh color 76, 43.609, 97.035 looks on a white background.

Color Contrast Check

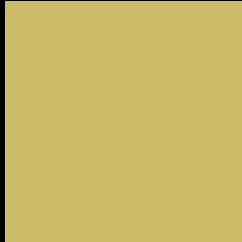
Large Text (above 18pt) WCAG AA × Fail

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, 43.609, 97.035 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, 43.609, 97.035

Background



This preview shows how black text looks on a background with the CIELCh color 76, 43.609, 97.035.



This preview shows how white text looks on a background with the CIELCh color 76, 43.609, 97.035.

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, 43.609, 97.035

Protanopia

76, 43.398, 95.284

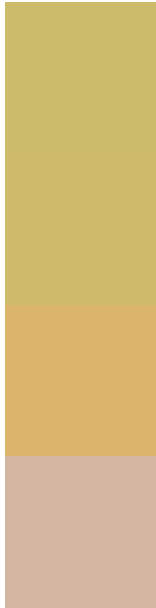
Deuteranopia

76, 43.799, 77.525



Tritanopia
76, 15.108, 350.941

Trichromacy



Original Color
76, 43.609, 97.035

Protanomaly
76, 43.311, 95.842

Deuteranomaly
76, 43.082, 84.563

Tritanomaly
76, 15.910, 64.745

Monochromacy



Original Color
76, 43.609, 97.035

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 15.735, 100.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 43.609, 97.035 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, 106)` looks like.

```
.text, #text, p{  
    color:rgb(204, 188, 106)  
}
```

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, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 188, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 43.609, 97.035 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, 106) }
```

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

```
.border{ border-color:rgb(204, 188, 106) }
```

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, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 188, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 188, 106);  
box-shadow:4px 4px 4px 4px rgb(204, 188,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 43.609, 97.035 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, 106) }
```

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

```
.background{ background-color: rgb(204,  
188, 106) }
```

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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