

Converting Colors

CIELCh(76, 16.060, 52.371)

Have a look what the booklet for
CIELCh(76, 16.060, 52.371) contains.

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Color

CIELCh(76, 16.060, 52.371)

Conversions

Conversions Part 1

Format	Color
Hex	D6B4A4
RGB	214, 180, 164
RGB Percent	84%, 71%, 64%
CMY	0.1589, 0.2923, 0.3551
CMYK	0.00, 0.16, 0.23, 0.16
HSL	19°, 38%, 74%
HSV	19°, 23%, 84%
XYZ	51.0213, 49.8872, 42.2716
YIQ	188.3420, 25.4000, 2.2320

Conversions

Conversions Part 2

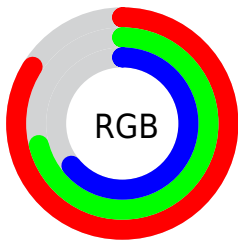
Format	Color
R_{YB}	214, 188, 164
Decimal	14070948
CIE _{Lab}	76.00, 9.81, 12.72
CIE _{LCh}	76, 16.060, 52.371
Yxy	49.8872, 0.3563, 0.3484
Android (android.graphics.Color)	4292261028 (0xFFD6B4A4)
YUV	188.3420, -12.0006, 22.5021
Hunter-Lab	70.6309, 5.3382, 13.9574

Details

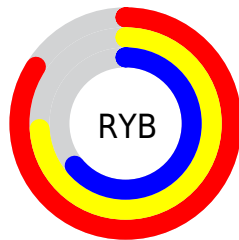
The CIELCh color **76, 16.060, 52.371** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **78, 14.095, 236.395**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 11.184, 70.625**, and **56, 16.296, 51.941** is the 20% darker color. If you saturate the color by 10%, you get **72, 23.832, 51.794**, and if you desaturate by 10%, it is **80, 8.839, 53.023**.

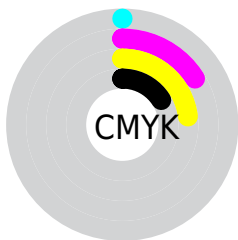
Distribution



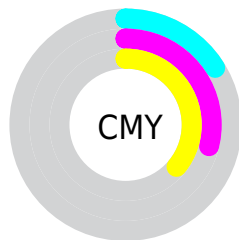
- Red (84%)
- Green (71%)
- Blue (64%)



- Red (84%)
- Yellow (74%)
- Blue (64%)



- Cyan (0%)
- Magenta (16%)
- Yellow (23%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 16.060, 52.371 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, 16.060, 52.371 by changing the saturation by 10% instead.

 76, 16.060, 52.371

 76, 16.060, 52.371

 100, 16.060,
52.371

 66, 16.060, 52.371

 96, 16.060, 52.371

 56, 16.060, 52.371

 46, 16.060, 52.371

 36, 16.060, 52.371

 26, 16.060, 52.371

 16, 16.060, 52.371

 6, 16.060, 52.371

 0, 16.060, 52.371

 76, 16.060, 52.371

 76, 16.060, 52.371

72, 23.832, 51.794

80, 8.839, 53.023

68, 32.186, 51.295

84, 2.125, 53.558

64, 41.117, 50.897

89, 4.135, 234.685

61, 50.551, 50.594

93, 9.990, 235.386

57, 60.270, 50.330

97, 13.038,
202.329

54, 69.758, 49.929

97, 13.582,
198.599

52, 77.936, 48.989

50, 82.375, 48.084

Harmonies

Complementary

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



76, 16.060, 52.371



78, 14.095, 236.395

Rectangle

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



76, 16.060, 52.371



76, 16.060, 102.371



76, 16.060, 232.371



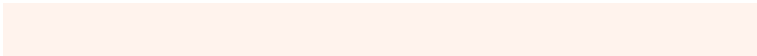
76, 16.060, 282.371

Sweetspot

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



76, 16.059, 52.381



97, 5.222, 53.414



73, 26.057, 336.646



51, 3.400, 53.379



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, 16.059, 52.381



87, 22.604, 52.081



82, 21.770, 98.720



43, 3.707, 53.274



40, 69.134, 48.629



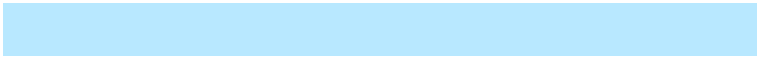
8, 18.121, 39.551

Inverse Universe

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



78, 14.095, 236.395



89, 19.223, 237.060



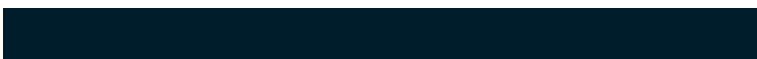
72, 22.414, 284.473



43, 3.533, 234.923



46, 37.378, 259.441



10, 13.449, 248.336

Previews

White Background



This preview shows how the CIELCh color 76, 16.060, 52.371 looks on a white background.

Color Contrast Check

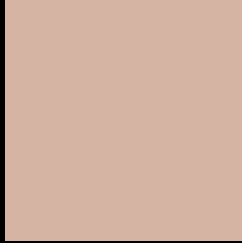
Large Text (above 18pt) WCAG AA × Fail

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, 16.060, 52.371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

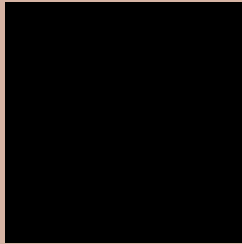
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 16.060, 52.371

Background



This preview shows how black text looks on a background with the CIELCh color 76, 16.060, 52.371.

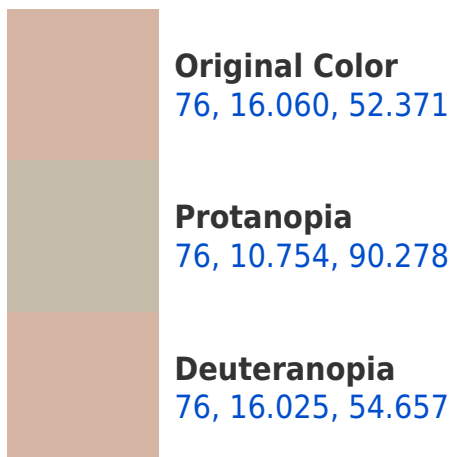


This preview shows how white text looks on a background with the CIELCh color 76, 16.060, 52.371.

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





Tritanopia
76, 16.937, 356.662

Trichromacy



Original Color
76, 16.060, 52.371

Protanomaly
76, 11.956, 73.222

Deuteranomaly
76, 16.025, 54.657

Tritanomaly
76, 15.045, 14.567

Monochromacy



Original Color
76, 16.060, 52.371

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 5.560, 54.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 16.060, 52.371 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(214, 180, 164)` looks like.

```
.text, #text, p{  
    color:rgb(214, 180, 164)  
}
```

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(214, 180, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 180, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 16.060, 52.371 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(214, 180, 164) }
```

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

```
.border{ border-color:rgb(214, 180, 164) }
```

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

Here you see how a box with a 4 pixel rgb(214, 180, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 180, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 180, 164);  
box-shadow:4px 4px 4px 4px rgb(214, 180,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 16.060, 52.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 180, 164) }
```

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

```
.background{ background-color: rgb(214,  
180, 164) }
```

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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