

Converting Colors

CIELCh(76, 16.277, 37.729)

Have a look what the booklet for
CIELCh(76, 16.277, 37.729) contains.

CIELCh(76, 16.110, 37.863)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(76, 16.110, 37.863)

Conversions

Conversions Part 1

Format	Color
Hex	DAB3AA
RGB	218, 179, 170
RGB Percent	85%, 70%, 67%
CMY	0.1462, 0.2991, 0.3344
CMYK	0.00, 0.18, 0.22, 0.15
HSL	11°, 39%, 76%
HSV	11°, 22%, 85%
XYZ	52.1265, 49.8872, 44.7806
YIQ	189.6350, 26.1330, 5.4690

Conversions

Conversions Part 2

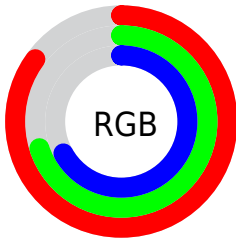
Format	Color
R _Y B	218, 181, 170
Decimal	14332842
CIE Lab	76.00, 12.72, 9.89
CIE LCh	76, 16.110, 37.863
Yxy	49.8872, 0.3551, 0.3398
Android (android.graphics.Color)	4292522922 (0xFFDAB3AA)
YUV	189.6350, -9.6801, 24.8761
Hunter-Lab	70.6309, 8.1313, 11.8512

Details

The CIELCh color **76, 16.110, 37.863** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **81, 13.889, 218.789**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 8.926, 54.703**, and **56, 15.967, 37.346** is the 20% darker color. If you saturate the color by 10%, you get **71, 24.422, 38.031**, and if you desaturate by 10%, it is **81, 8.440, 37.839**.

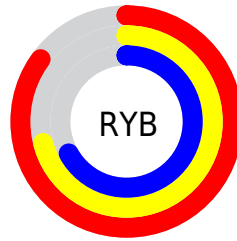
Distribution



Red (85%)

Green (70%)

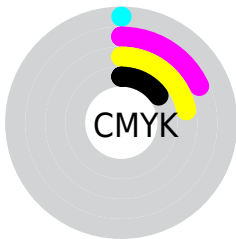
Blue (67%)



Red (85%)

Yellow (71%)

Blue (67%)

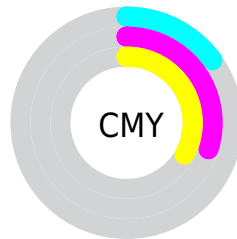


Cyan (0%)

Magenta (18%)

Yellow (22%)

Black (15%)



Cyan (15%)

Magenta (30%)


Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 16.110, 37.863 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, 16.110, 37.863 by changing the saturation by 10% instead.

 76, 16.110, 37.863

 76, 16.110, 37.863

 100, 16.110,
37.863

 66, 16.110, 37.863

 96, 16.110, 37.863

 56, 16.110, 37.863

 46, 16.110, 37.863

 36, 16.110, 37.863

 26, 16.110, 37.863

 16, 16.110, 37.863

 6, 16.110, 37.863

 0, 16.110, 37.863

 76, 16.110, 37.863

 76, 16.110, 37.863

71, 24.422, 38.031

81, 8.440, 37.839

67, 33.404, 38.369

86, 1.371, 37.594

62, 43.036, 38.930

91, 5.155, 218.324

58, 53.230, 39.742

96, 10.979,
213.776

55, 63.763, 40.788

97, 12.539,
198.668

52, 74.141, 41.921

49, 83.259, 42.696

48, 88.828, 42.885

Harmonies

Complementary

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



76, 16.110, 37.863



81, 13.889, 218.789

Rectangle

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



76, 16.110, 37.863



76, 16.110, 87.863



76, 16.110, 217.863



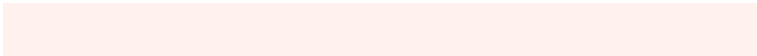
76, 16.110, 267.863

Sweetspot

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



76, 16.109, 37.872



96, 5.465, 37.831



75, 27.343, 331.322



51, 3.560, 37.834



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, 16.109, 37.872



85, 21.987, 37.920



82, 18.293, 89.648



43, 3.961, 37.838



38, 74.585, 43.241



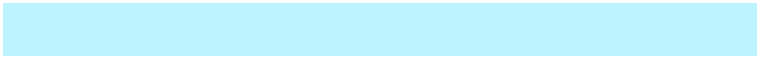
7, 21.093, 30.559

Inverse Universe

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



81, 13.889, 218.789



93, 18.363, 219.008



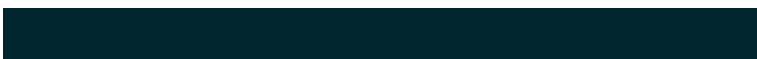
75, 18.284, 275.606



45, 3.732, 218.354



54, 32.728, 232.665



13, 13.102, 225.654

Previews

White Background



This preview shows how the CIELCh color 76, 16.110, 37.863 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, 16.110, 37.863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

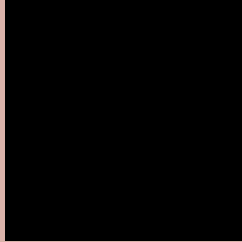
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 16.110, 37.863

Background



This preview shows how black text looks on a background with the CIELCh color 76, 16.110, 37.863.

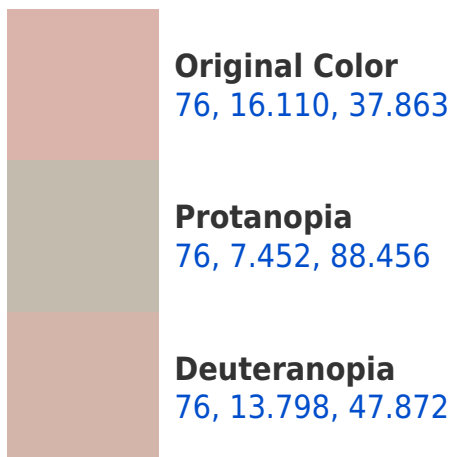


This preview shows how white text looks on a background with the CIELCh color 76, 16.110, 37.863.

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, 18.008, 358.307

Trichromacy



Original Color
76, 16.110, 37.863

Protanomaly
76, 9.781, 60.802

Deuteranomaly
76, 14.643, 43.966

Tritanomaly
76, 16.306, 11.392

Monochromacy



Original Color
76, 16.110, 37.863

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 5.524, 36.617

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 16.110, 37.863 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(218, 179, 170)` looks like.

```
.text, #text, p{  
    color:rgb(218, 179, 170)  
}
```

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(218, 179, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 179, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 16.110, 37.863 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(218, 179, 170) }
```

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

```
.border{ border-color:rgb(218, 179, 170) }
```

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

Here you see how a box with a 4 pixel rgb(218, 179, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 179, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 179, 170);  
box-shadow:4px 4px 4px 4px rgb(218, 179,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 16.110, 37.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 179, 170) }
```

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

```
.background{ background-color: rgb(218,  
179, 170) }
```

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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