

Converting Colors

CIELCh(76, 16.384, 56.094)

Have a look what the booklet for
CIELCh(76, 16.384, 56.094) contains.

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Color

CIELCh(76, 16.363, 56.102)

Conversions

Conversions Part 1

Format	Color
Hex	D6B5A3
RGB	214, 181, 163
RGB Percent	84%, 71%, 64%
CMY	0.1615, 0.2908, 0.3614
CMYK	0.00, 0.15, 0.24, 0.16
HSL	21°, 38%, 74%
HSV	21°, 24%, 84%
XYZ	50.7658, 49.8872, 41.5263
YIQ	188.8150, 25.4460, 1.3980

Conversions

Conversions Part 2

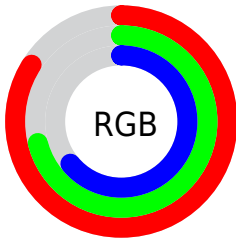
Format	Color
RYB	214, 191, 163
Decimal	14071203
CIELab	76.00, 9.13, 13.58
CIELCh	76, 16.363, 56.102
Yxy	49.8872, 0.3571, 0.3509
Android (android.graphics.Color)	4292261283 (0xFFD6B5A3)
YUV	188.8150, -12.7268, 22.0872
Hunter-Lab	70.6309, 4.6925, 14.5830

Details

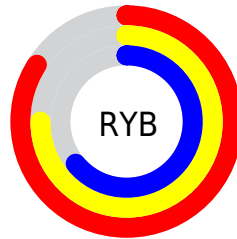
The CIELCh color **76, 16.363, 56.102** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77, 14.474, 240.873**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 11.788, 75.019**, and **56, 16.611, 55.803** is the 20% darker color. If you saturate the color by 10%, you get **72, 24.074, 55.362**, and if you desaturate by 10%, it is **80, 9.171, 56.902**.

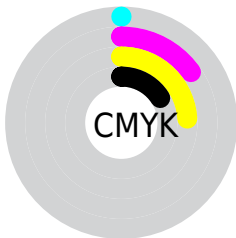
Distribution



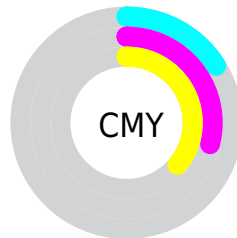
- Red (84%)
- Green (71%)
- Blue (64%)



- Red (84%)
- Yellow (75%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (16%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 16.363, 56.102 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, 16.363, 56.102 by changing the saturation by 10% instead.

 76, 16.363, 56.102

 76, 16.363, 56.102

 100, 16.363,
56.102

 66, 16.363, 56.102

 96, 16.363, 56.102

 56, 16.363, 56.102

 46, 16.363, 56.102

 36, 16.363, 56.102

 26, 16.363, 56.102

 16, 16.363, 56.102

 6, 16.363, 56.102

 0, 16.363, 56.102

 76, 16.363, 56.102

 76, 16.363, 56.102

72, 24.074, 55.362

80, 9.171, 56.902

68, 32.333, 54.677

84, 2.459, 57.605

65, 41.129, 54.068

88, 3.823, 238.813

61, 50.380, 53.521

92, 9.723, 239.617

58, 59.854, 52.969

96, 12.311,
210.766

55, 69.010, 52.232

97, 13.787,
198.586

53, 76.770, 50.910

51, 80.695, 49.871

Harmonies

Complementary

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



76, 16.363, 56.102



77, 14.474, 240.873

Rectangle

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



76, 16.363, 56.102



76, 16.363, 106.102



76, 16.363, 236.102



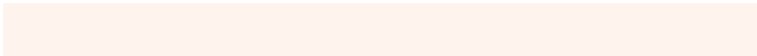
76, 16.363, 286.102

Sweetspot

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



76, 16.363, 56.112



97, 5.224, 57.421



72, 25.974, 338.169



51, 3.402, 57.378



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, 16.363, 56.112



87, 23.408, 55.696



82, 22.946, 100.604



43, 3.707, 57.248



41, 67.895, 50.443



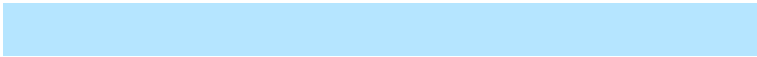
8, 17.792, 42.679

Inverse Universe

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



77, 14.474, 240.873



88, 20.055, 241.701



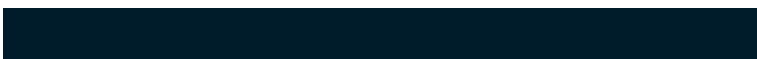
71, 23.781, 286.340



43, 3.548, 239.130



45, 39.650, 265.008



9, 13.945, 253.648

Previews

White Background



This preview shows how the CIELCh color 76, 16.363, 56.102 looks on a white background.

Color Contrast Check

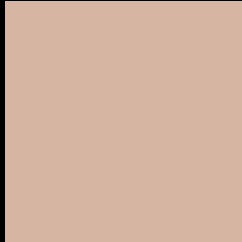
Large Text (above 18pt) WCAG AA × Fail

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, 16.363, 56.102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

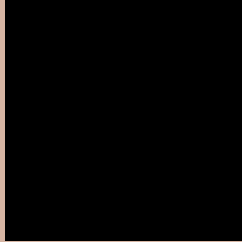
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 16.363, 56.102

Background



This preview shows how black text looks on a background with the CIELCh color 76, 16.363, 56.102.

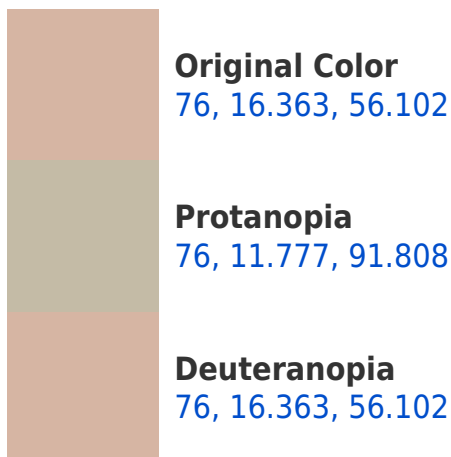



This preview shows how white text looks on a background with the CIELCh color 76, 16.363, 56.102.

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, 16.796, 354.392

Trichromacy



Original Color
76, 16.363, 56.102

Protanomaly
76, 12.639, 77.342

Deuteranomaly
76, 16.363, 56.102

Tritanomaly
76, 14.655, 14.366

Monochromacy



Original Color
76, 16.363, 56.102

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 5.892, 59.088

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 16.363, 56.102 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, 181, 163)` looks like.

```
.text, #text, p{  
    color:rgb(214, 181, 163)  
}
```

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, 181, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 181, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 16.363, 56.102 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, 181, 163) }
```

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

```
.border{ border-color:rgb(214, 181, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 181, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 181, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 181, 163);  
box-shadow:4px 4px 4px 4px rgb(214, 181,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 16.363, 56.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 181, 163) }
```

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

```
.background{ background-color: rgb(214,  
181, 163) }
```

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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