

Converting Colors

CIELCh(76, 35.631, 78.674)

Have a look what the booklet for
CIELCh(76, 35.631, 78.674) contains.

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Color

CIELCh(76, 35.618, 78.743)

Conversions

Conversions Part 1

Format	Color
Hex	DDB57B
RGB	221, 181, 123
RGB Percent	87%, 71%, 48%
CMY	0.1331, 0.2899, 0.5174
CMYK	0.00, 0.18, 0.44, 0.13
HSL	36°, 59%, 67%
HSV	36°, 44%, 87%
XYZ	49.9545, 49.8872, 25.7544
YIQ	186.3480, 42.4580, -9.5580

Conversions

Conversions Part 2

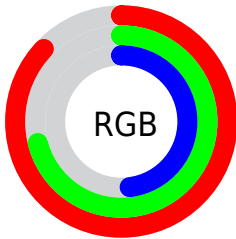
Format	Color
RYB	191, 221, 123
Decimal	14529915
CIELab	76.00, 6.95, 34.93
CIELCh	76, 35.618, 78.743
Yxy	49.8872, 0.3977, 0.3972
Android (android.graphics.Color)	4292719995 (0xFFDDB57B)
YUV	186.3480, -31.2306, 30.3898
Hunter-Lab	70.6309, 2.6419, 27.8225

Details

The CIELCh color **76, 35.618, 78.743** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66, 33.682, 272.694**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.930, 94.924**, and **56, 35.601, 78.441** is the 20% darker color. If you saturate the color by 10%, you get **73, 44.173, 77.309**, and if you desaturate by 10%, it is **79, 27.188, 80.142**.

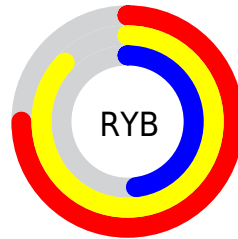
Distribution



Red (87%)

Green (71%)

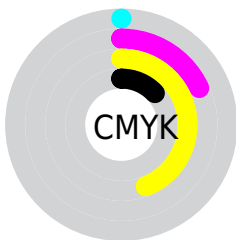
Blue (48%)



Red (75%)

Yellow (87%)

Blue (48%)

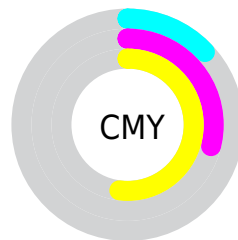


Cyan (0%)

Magenta (18%)

Yellow (44%)

Black (13%)



Cyan (13%)

Magenta (29%)

Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 35.618, 78.743 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, 35.618, 78.743 by changing the saturation by 10% instead.

 76, 35.618, 78.743

 76, 35.618, 78.743

 100, 35.618,
78.743

 66, 35.618, 78.743

 96, 35.618, 78.743

 56, 35.618, 78.743

 46, 35.618, 78.743

 36, 35.618, 78.743

 26, 35.618, 78.743

 16, 35.618, 78.743

 6, 35.618, 78.743

 0, 35.618, 78.743

 76, 35.618, 78.743

 76, 35.618, 78.743

73, 44.173, 77.309

79, 27.188, 80.142

71, 52.662, 75.799

81, 18.970, 81.498

69, 60.711, 74.151

84, 10.995, 82.812

66, 67.652, 72.227

87, 3.266, 84.030

64, 72.549, 69.786

90, 4.227, 265.446

63, 74.505, 68.206

93, 11.178,
265.773

95, 9.463, 234.966

97, 10.879,
203.531

98, 11.457,
198.741

Harmonies

Complementary

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



76, 35.618, 78.743



66, 33.682, 272.694

Rectangle

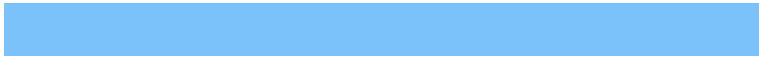
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 35.618, 78.743



76, 35.618, 128.743



76, 35.618, 258.743



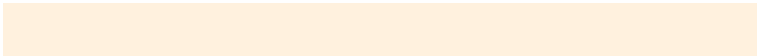
76, 35.618, 308.743

Sweetspot

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



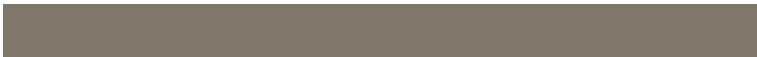
76, 35.618, 78.748



96, 11.174, 82.970



64, 43.106, 353.483



51, 7.848, 82.684



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, 35.618, 78.748



84, 48.336, 77.442



86, 49.904, 109.771



45, 4.291, 83.433



50, 62.077, 68.818



12, 18.715, 70.415

Inverse Universe

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



66, 33.682, 272.694



71, 45.310, 275.160



56, 56.066, 298.688



43, 4.253, 265.978



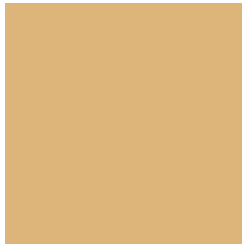
33, 64.180, 291.642



6, 20.691, 281.267

Previews

White Background



This preview shows how the CIELCh color 76, 35.618, 78.743 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 CIE LCh color 76, 35.618, 78.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

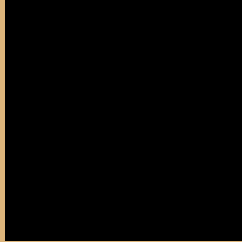
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 35.618, 78.743

Background



This preview shows how black text looks on a background with the CIELCh color 76, 35.618, 78.743.



This preview shows how white text looks on a background with the CIELCh color 76, 35.618, 78.743.

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, 35.618, 78.743

Protanopia

76, 33.504, 96.276

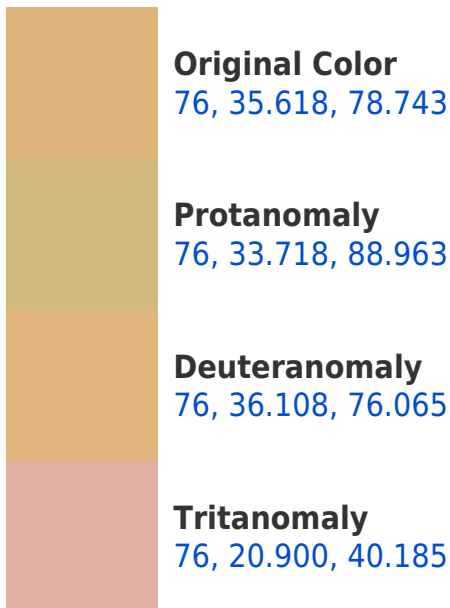
Deuteranopia

76, 36.178, 74.562

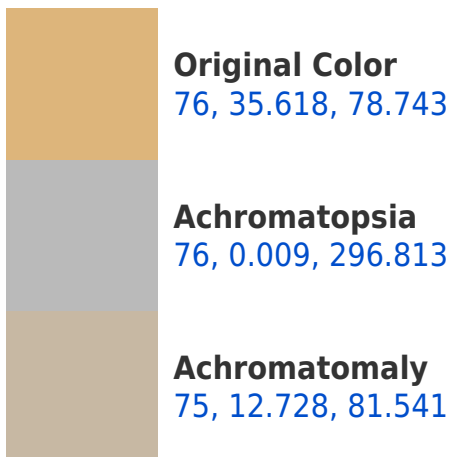


Tritanopia
76, 21.679, 2.720

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 35.618, 78.743 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(221, 181, 123)` looks like.

```
.text, #text, p{  
    color:rgb(221, 181, 123)  
}
```

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(221, 181, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 181, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 35.618, 78.743 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(221, 181, 123) }
```

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

```
.border{ border-color:rgb(221, 181, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 181, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 181, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 181, 123);  
box-shadow:4px 4px 4px 4px rgb(221, 181,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 35.618, 78.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 181, 123) }
```

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

```
.background{ background-color: rgb(221,  
181, 123) }
```

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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