

Converting Colors

CIELCh(76, 16.474, 68.887)

Have a look what the booklet for
CIELCh(76, 16.474, 68.887) contains.

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Color

CIELCh(76, 16.594, 70.327)

Conversions

Conversions Part 1

Format	Color
Hex	D1B79F
RGB	209, 183, 159
RGB Percent	82%, 72%, 62%
CMY	0.1807, 0.2826, 0.3767
CMYK	0.00, 0.12, 0.24, 0.18
HSL	29°, 35%, 72%
HSV	29°, 24%, 82%
XYZ	49.4486, 49.8872, 39.7956
YIQ	188.0380, 23.2000, -1.9520

Conversions

Conversions Part 2

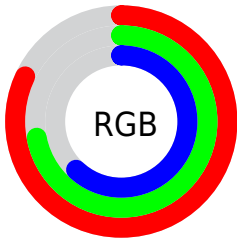
Format	Color
R _Y B	209, 205, 159
Decimal	13744031
CIE Lab	76.00, 5.59, 15.63
CIE LCh	76, 16.594, 70.327
Yxy	49.8872, 0.3554, 0.3586
Android (android.graphics.Color)	4291934111 (0xFFD1B79F)
YUV	188.0380, -14.3157, 18.3837
Hunter-Lab	70.6309, 1.3636, 16.0358

Details

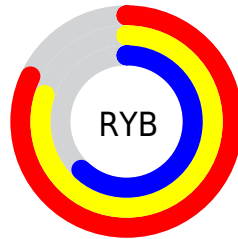
The CIELCh color $76, 16.594, 70.327$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $74, 15.435, 256.736$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 14.103, 84.204$, and $56, 16.364, 69.504$ is the 20% darker color. If you saturate the color by 10%, you get $73, 24.139, 69.126$, and if you desaturate by 10%, it is $79, 9.418, 71.529$.

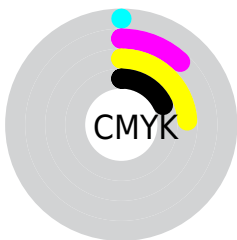
Distribution



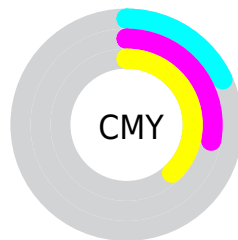
- Red (82%)
- Green (72%)
- Blue (62%)



- Red (82%)
- Yellow (80%)
- Blue (62%)



- Cyan (0%)
- Magenta (12%)
- Yellow (24%)
- Black (18%)



- Cyan (18%)
- Magenta (28%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 16.594, 70.327 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, 16.594, 70.327 by changing the saturation by 10% instead.

 76, 16.594, 70.327

 76, 16.594, 70.327

 100, 16.594,
70.327

 66, 16.594, 70.327

 96, 16.594, 70.327

 56, 16.594, 70.327

 46, 16.594, 70.327

 36, 16.594, 70.327

 26, 16.594, 70.327

 16, 16.594, 70.327

 6, 16.594, 70.327

 0, 16.594, 70.327

 76, 16.594, 70.327

 76, 16.594, 70.327

73, 24.139, 69.126

79, 9.418, 71.529

70, 32.055, 67.912

83, 2.588, 72.615

67, 40.304, 66.689

86, 3.927, 254.044

64, 48.769, 65.433

89, 10.157,
255.128

61, 57.172, 64.070

92, 12.948,
244.278

59, 64.946, 62.436

56, 71.132, 60.212

95, 13.410,
214.011

55, 74.123, 58.644

97, 15.334,
198.485

Harmonies

Complementary

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



76, 16.594, 70.327



74, 15.435, 256.736

Rectangle

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



76, 16.594, 70.327



76, 16.594, 120.327



76, 16.594, 250.327



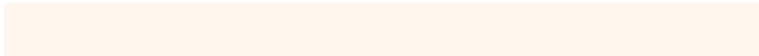
76, 16.594, 300.327

Sweetspot

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



76, 16.594, 70.336



97, 5.468, 72.309



71, 23.667, 343.958



52, 3.558, 72.243



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, 16.594, 70.336



89, 23.970, 69.683



82, 25.328, 106.439



42, 3.795, 72.051



45, 62.881, 59.266



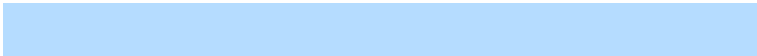
9, 15.717, 56.157

Inverse Universe

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



74, 15.435, 256.736



86, 21.884, 257.742



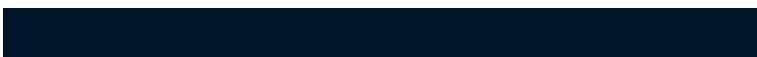
68, 26.690, 291.671



42, 3.702, 254.494



37, 50.486, 281.695



6, 15.775, 270.116

Previews

White Background



This preview shows how the CIELCh color 76, 16.594, 70.327 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, 16.594, 70.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

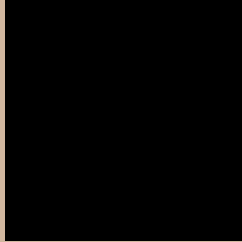
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 16.594, 70.327

Background



This preview shows how black text looks on a background with the CIELCh color 76, 16.594, 70.327.



This preview shows how white text looks on a background with the CIELCh color 76, 16.594, 70.327.

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, 16.594, 70.327

Protanopia

76, 14.466, 93.086

Deuteranopia

76, 18.423, 57.656



Tritanopia
76, 15.108, 350.941

Trichromacy



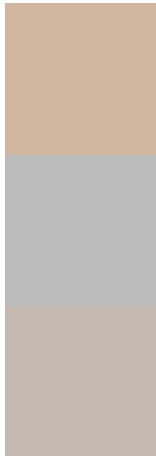
Original Color
76, 16.594, 70.327

Protanomaly
76, 15.150, 85.820

Deuteranomaly
76, 17.510, 62.157

Tritanomaly
76, 12.270, 20.391

Monochromacy



Original Color
76, 16.594, 70.327

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 6.134, 71.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 16.594, 70.327 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(209, 183, 159)` looks like.

```
.text, #text, p{  
    color:rgb(209, 183, 159)  
}
```

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(209, 183, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 183, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 16.594, 70.327 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(209, 183, 159) }
```

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

```
.border{ border-color:rgb(209, 183, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 183, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 183, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 183, 159);  
box-shadow:4px 4px 4px 4px rgb(209, 183,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 16.594, 70.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 183, 159) }
```

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

```
.background{ background-color: rgb(209,  
183, 159) }
```

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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