

Converting Colors

CIELCh(76, 20.090, 70.165)

Have a look what the booklet for
CIELCh(76, 20.090, 70.165) contains.

CIELCh(76, 20.090, 70.165)	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, 20.090, 70.165)

Conversions

Conversions Part 1

Format	Color
Hex	D5B699
RGB	213, 182, 153
RGB Percent	84%, 71%, 60%
CMY	0.1648, 0.2864, 0.4001
CMYK	0.00, 0.15, 0.28, 0.16
HSL	29°, 42%, 72%
HSV	29°, 28%, 84%
XYZ	49.9039, 49.8872, 37.1253
YIQ	187.9630, 27.7850, -2.4470

Conversions

Conversions Part 2

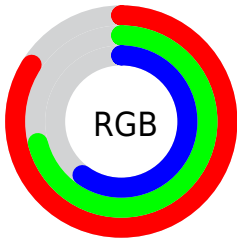
Format	Color
R _Y B	213, 209, 153
Decimal	14005913
CIE Lab	76.00, 6.82, 18.90
CIE LCh	76, 20.090, 70.165
Yxy	49.8872, 0.3645, 0.3644
Android (android.graphics.Color)	4292195993 (0xFFD5B699)
YUV	187.9630, -17.2368, 21.9574
Hunter-Lab	70.6309, 2.5141, 18.2774

Details

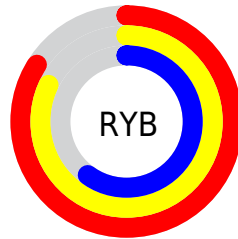
The CIELCh color **76, 20.090, 70.165** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **73, 18.445, 257.905**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 17.108, 86.988**, and **56, 20.141, 69.243** is the 20% darker color. If you saturate the color by 10%, you get **73, 27.919, 68.951**, and if you desaturate by 10%, it is **79, 12.636, 71.384**.

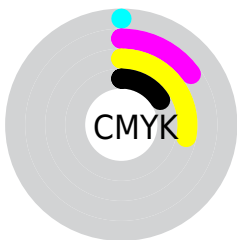
Distribution



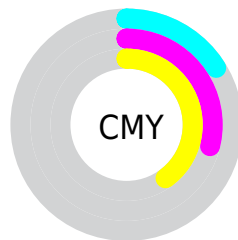
- Red (84%)
- Green (71%)
- Blue (60%)



- Red (84%)
- Yellow (82%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (28%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 20.090, 70.165 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, 20.090, 70.165 by changing the saturation by 10% instead.

76, 20.090, 70.165

76, 20.090, 70.165

100, 20.090,
70.165

66, 20.090, 70.165

96, 20.090, 70.165

56, 20.090, 70.165

46, 20.090, 70.165

36, 20.090, 70.165

26, 20.090, 70.165

16, 20.090, 70.165

6, 20.090, 70.165

0, 20.090, 70.165

76, 20.090, 70.165

76, 20.090, 70.165

73, 27.919, 68.951

79, 12.636, 71.384

70, 36.110, 67.723

83, 5.542, 72.555

67, 44.595, 66.478

86, 1.221, 254.146

64, 53.196, 65.174

89, 7.684, 255.034

61, 61.520, 63.705

93, 12.114,
249.462

59, 68.818, 61.846

95, 12.154,
216.033

56, 74.174, 59.307

56, 75.103, 58.859

97, 14.057,
198.568

Harmonies

Complementary

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



76, 20.090, 70.165



73, 18.445, 257.905

Rectangle

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



76, 20.090, 70.165



76, 20.090, 120.165



76, 20.090, 250.165



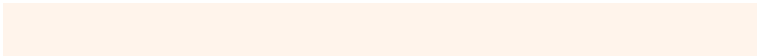
76, 20.090, 300.165

Sweetspot

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



76, 20.090, 70.173



97, 6.278, 72.565



70, 28.062, 345.305



51, 4.479, 72.394



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, 20.090, 70.173



87, 28.504, 69.419



84, 30.705, 106.746



43, 3.879, 72.414



45, 63.508, 59.483



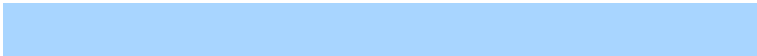
9, 17.045, 57.276

Inverse Universe

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



73, 18.445, 257.905



84, 25.619, 259.160



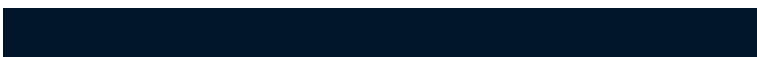
65, 32.784, 292.960



43, 3.786, 254.870



38, 51.451, 282.102



7, 16.784, 271.250

Previews

White Background



This preview shows how the CIELCh color 76, 20.090, 70.165 looks on a white background.

Color Contrast Check

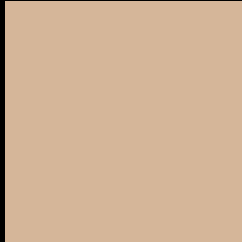
Large Text (above 18pt) WCAG AA × Fail

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, 20.090, 70.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

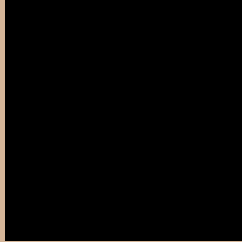
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 20.090, 70.165

Background



This preview shows how black text looks on a background with the CIELCh color 76, 20.090, 70.165.

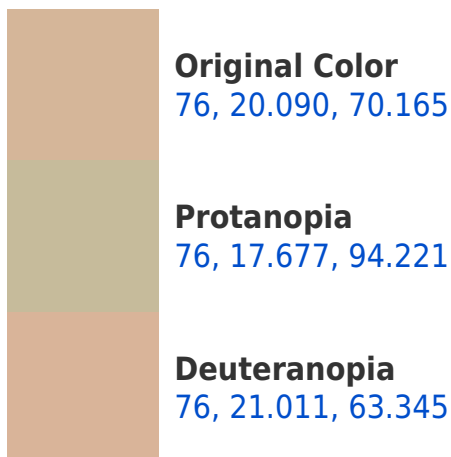


This preview shows how white text looks on a background with the CIELCh color 76, 20.090, 70.165.

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](#).

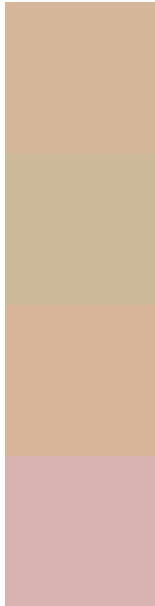
Dichromacy





Tritanopia
76, 16.589, 356.075

Trichromacy



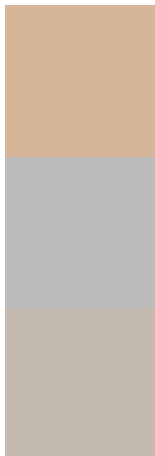
Original Color
76, 20.090, 70.165

Protanomaly
76, 18.137, 85.196

Deuteranomaly
76, 20.798, 65.857

Tritanomaly
76, 14.359, 24.811

Monochromacy



Original Color
76, 20.090, 70.165

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 7.235, 74.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 20.090, 70.165 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(213, 182, 153)` looks like.

```
.text, #text, p{  
    color:rgb(213, 182, 153)  
}
```

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(213, 182, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 182, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 20.090, 70.165 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(213, 182, 153) }
```

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

```
.border{ border-color:rgb(213, 182, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 182, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 182, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 182, 153);  
box-shadow:4px 4px 4px 4px rgb(213, 182,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 20.090, 70.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 182, 153) }
```

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

```
.background{ background-color: rgb(213,  
182, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor