

Converting Colors

CIELCh(76, 19.761, 79.240)

Have a look what the booklet for
CIELCh(76, 19.761, 79.240) contains.

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Color

CIELCh(76, 19.761, 79.240)

Conversions

Conversions Part 1

Format	Color
Hex	D0B898
RGB	208, 184, 152
RGB Percent	82%, 72%, 60%
CMY	0.1848, 0.2789, 0.4044
CMYK	0.00, 0.12, 0.27, 0.18
HSL	34°, 37%, 71%
HSV	34°, 27%, 82%
XYZ	48.7521, 49.8872, 36.7159
YIQ	187.5280, 24.5760, -4.8640

Conversions

Conversions Part 2

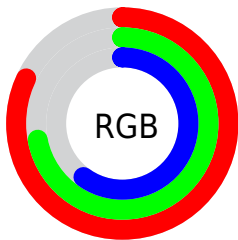
Format	Color
RYB	194, 208, 152
Decimal	13678744
CIELab	76.00, 3.69, 19.41
CIELCh	76, 19.761, 79.240
Yxy	49.8872, 0.3602, 0.3686
Android (android.graphics.Color)	4291868824 (0xFFD0B898)
YUV	187.5280, -17.5153, 17.9539
Hunter-Lab	70.6309, -0.3967, 18.6210

Details

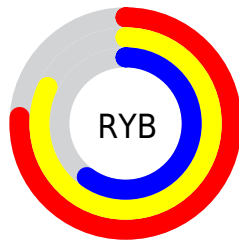
The CIELCh color $76, 19.761, 79.240$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $71, 18.953, 266.928$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 18.267, 90.811$, and $56, 19.708, 78.913$ is the 20% darker color. If you saturate the color by 10%, you get $73, 27.568, 77.897$, and if you desaturate by 10%, it is $79, 12.208, 80.561$.

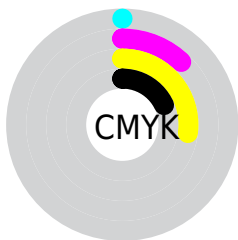
Distribution



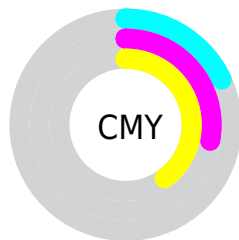
- Red (82%)
- Green (72%)
- Blue (60%)



- Red (76%)
- Yellow (82%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (27%)
- Black (18%)



- Cyan (18%)
- Magenta (28%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 19.761, 79.240 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, 19.761, 79.240 by changing the saturation by 10% instead.

■ 76, 19.761, 79.240

■ 76, 19.761, 79.240

■ 100, 19.761,
79.240

■ 66, 19.761, 79.240

■ 96, 19.761, 79.240

■ 56, 19.761, 79.240

■ 46, 19.761, 79.240

■ 36, 19.761, 79.240

■ 26, 19.761, 79.240

■ 16, 19.761, 79.240

■ 6, 19.761, 79.240

■ 0, 19.761, 79.240

■ 76, 19.761, 79.240

■ 76, 19.761, 79.240

73, 27.568, 77.897

79, 12.208, 80.561

71, 35.594, 76.513

81, 4.909, 81.811

68, 43.747, 75.083

84, 2.146, 263.275

66, 51.826, 73.573

87, 8.975, 264.367

63, 59.432, 71.899

90, 15.222,
264.736

61, 65.867, 69.893

92, 13.178,
243.024

59, 70.263, 67.300

59, 71.438, 66.483

95, 13.393,
218.438

97, 15.665,
198.464

Harmonies

Complementary

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



76, 19.761, 79.240



71, 18.953, 266.928

Rectangle

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



76, 19.761, 79.240



76, 19.761, 129.240



76, 19.761, 259.240



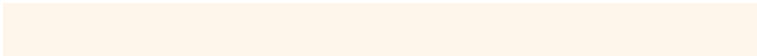
76, 19.761, 309.240

Sweetspot

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



76, 19.762, 79.248



97, 6.699, 81.673



69, 25.030, 350.040



52, 4.774, 81.487



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, 19.762, 79.248



90, 27.975, 78.517



82, 29.309, 110.476



43, 4.054, 81.513



48, 60.957, 67.054



10, 15.910, 67.498

Inverse Universe

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



71, 18.953, 266.928



83, 26.582, 268.011



65, 31.241, 295.642



42, 4.008, 264.050



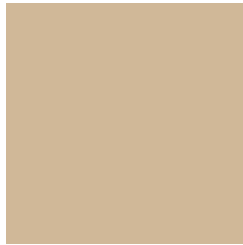
33, 60.332, 290.015



5, 17.756, 277.759

Previews

White Background



This preview shows how the CIELCh color 76, 19.761, 79.240 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, 19.761, 79.240 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, 19.761, 79.240

Background



This preview shows how black text looks on a background with the CIELCh color 76, 19.761, 79.240.



This preview shows how white text looks on a background with the CIELCh color 76, 19.761, 79.240.

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, 19.761, 79.240

Protanopia

76, 18.715, 94.881

Deuteranopia

76, 21.316, 62.594



Tritanopia
76, 15.108, 350.941

Trichromacy



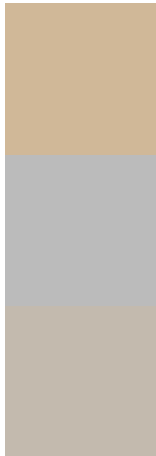
Original Color
76, 19.761, 79.240

Protanomaly
76, 18.814, 88.588

Deuteranomaly
76, 20.229, 67.518

Tritanomaly
76, 12.066, 27.961

Monochromacy



Original Color
76, 19.761, 79.240

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 7.288, 81.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 19.761, 79.240 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(208, 184, 152)` looks like.

```
.text, #text, p{  
    color:rgb(208, 184, 152)  
}
```

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(208, 184, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 184, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 19.761, 79.240 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(208, 184, 152) }
```

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

```
.border{ border-color:rgb(208, 184, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 184, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 184, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 184, 152);  
box-shadow:4px 4px 4px 4px rgb(208, 184,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 19.761, 79.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 184, 152) }
```

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

```
.background{ background-color: rgb(208,  
184, 152) }
```

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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