

Converting Colors

CIELCh(75, 19.626, 69.887)

Have a look what the booklet for
CIELCh(75, 19.626, 69.887) contains.

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Color

CIELCh(75, 19.729, 69.244)

Conversions

Conversions Part 1

Format	Color
Hex	D2B397
RGB	210, 179, 151
RGB Percent	82%, 70%, 59%
CMY	0.1758, 0.2973, 0.4072
CMYK	0.00, 0.15, 0.28, 0.18
HSL	28°, 40%, 71%
HSV	28°, 28%, 82%
XYZ	48.3847, 48.2781, 36.1185
YIQ	185.0770, 27.4640, -2.1360

Conversions

Conversions Part 2

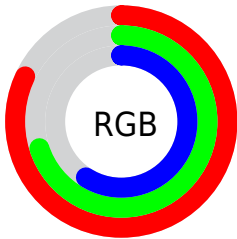
Format	Color
R _Y B	210, 204, 151
Decimal	13808535
CIE Lab	75.00, 6.99, 18.45
CIE LCh	75, 19.729, 69.244
Yxy	48.2781, 0.3644, 0.3636
Android (android.graphics.Color)	4291998615 (0xFFD2B397)
YUV	185.0770, -16.8000, 21.8575
Hunter-Lab	69.4824, 2.7057, 17.8174

Details

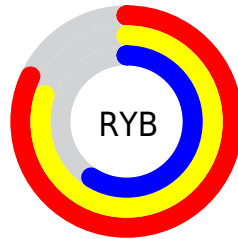
The CIELCh color $75, 19.729, 69.244$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $73, 18.042, 256.872$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 17.150, 82.853$, and $55, 19.784, 68.256$ is the 20% darker color. If you saturate the color by 10%, you get $72, 27.463, 68.053$, and if you desaturate by 10%, it is $78, 12.377, 70.443$.

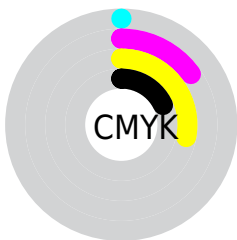
Distribution



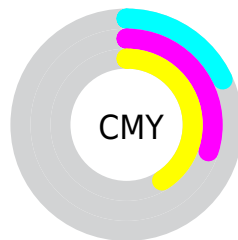
- Red (82%)
- Green (70%)
- Blue (59%)



- Red (82%)
- Yellow (80%)
- Blue (59%)



- Cyan (0%)
- Magenta (15%)
- Yellow (28%)
- Black (18%)



- Cyan (18%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 19.729, 69.244 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 75, 19.729, 69.244 by changing the saturation by 10% instead.

75, 19.729, 69.244

75, 19.729, 69.244

100, 19.729,
69.244

65, 19.729, 69.244

95, 19.729, 69.244

55, 19.729, 69.244

45, 19.729, 69.244

35, 19.729, 69.244

25, 19.729, 69.244

15, 19.729, 69.244

5, 19.729, 69.244

0, 19.729, 69.244

75, 19.729, 69.244

75, 19.729, 69.244

72, 27.463, 68.053

78, 12.377, 70.443

69, 35.570, 66.852

82, 5.390, 71.596

66, 43.986, 65.640

85, 1.262, 253.167

63, 52.541, 64.374

88, 7.611, 254.053

60, 60.856, 62.950

92, 13.182,
253.371

58, 68.199, 61.142

95, 12.603,
221.837

55, 73.651, 58.655

55, 74.650, 58.197

97, 14.942,
198.511

Harmonies

Complementary

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



75, 19.729, 69.244



73, 18.042, 256.872

Rectangle

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



75, 19.729, 69.244



75, 19.729, 119.244



75, 19.729, 249.244



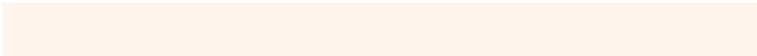
75, 19.729, 299.244

Sweetspot

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



75, 19.729, 69.252



97, 6.245, 71.594



69, 27.957, 344.377



51, 4.456, 71.426



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75, 19.729, 69.252



87, 28.412, 68.497



82, 29.803, 106.024



42, 3.783, 71.449



44, 63.034, 58.835



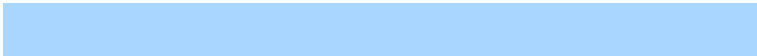
9, 15.727, 55.486

Inverse Universe

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



73, 18.042, 256.872



84, 25.397, 258.144



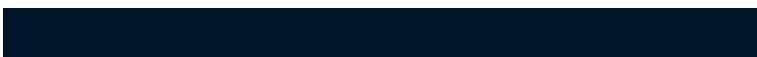
65, 31.738, 292.289



42, 3.688, 253.878



38, 49.932, 281.112



6, 15.658, 269.558

Previews

White Background



This preview shows how the CIELCh color 75, 19.729, 69.244 looks on a white background.

Color Contrast Check

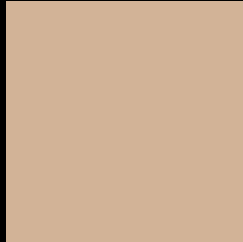
Large Text (above 18pt) WCAG AA × Fail

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 75, 19.729, 69.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

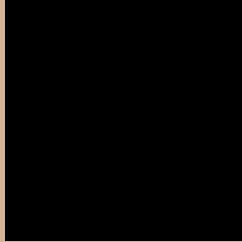
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 19.729, 69.244

Background



This preview shows how black text looks on a background with the CIELCh color 75, 19.729, 69.244.

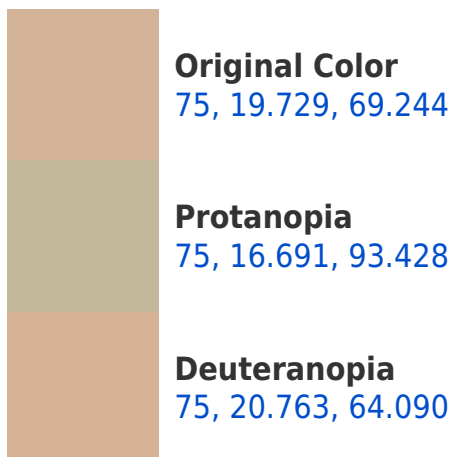



This preview shows how white text looks on a background with the CIELCh color 75, 19.729, 69.244.

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](#).

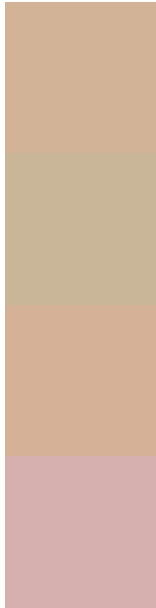
Dichromacy





Tritanopia
75, 16.846, 354.420

Trichromacy



Original Color
75, 19.729, 69.244

Protanomaly
75, 17.382, 82.705

Deuteranomaly
75, 20.466, 64.886

Tritanomaly
75, 14.346, 22.717

Monochromacy



Original Color
75, 19.729, 69.244

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 6.821, 71.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 19.729, 69.244 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(210, 179, 151)` looks like.

```
.text, #text, p{  
    color:rgb(210, 179, 151)  
}
```

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(210, 179, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 179, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 19.729, 69.244 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(210, 179, 151) }
```

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

```
.border{ border-color:rgb(210, 179, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 179, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 179, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 179, 151);  
box-shadow:4px 4px 4px 4px rgb(210, 179,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 19.729, 69.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 179, 151) }
```

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

```
.background{ background-color: rgb(210,  
179, 151) }
```

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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