

Converting Colors

CIELCh(75, 16.440, 50.420)

Have a look what the booklet for
CIELCh(75, 16.440, 50.420) contains.

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Color

CIELCh(75, 16.519, 49.406)

Conversions

Conversions Part 1

Format	Color
Hex	D5B1A2
RGB	213, 177, 162
RGB Percent	84%, 69%, 64%
CMY	0.1642, 0.3053, 0.3642
CMYK	0.00, 0.17, 0.24, 0.16
HSL	18°, 38%, 74%
HSV	18°, 24%, 84%
XYZ	49.7636, 48.2781, 40.9400
YIQ	186.0540, 26.2710, 2.9670

Conversions

Conversions Part 2

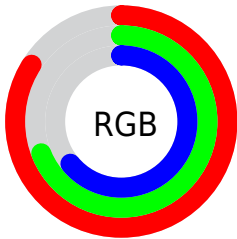
Format	Color
R _Y B	213, 183, 162
Decimal	14004642
CIE Lab	75.00, 10.75, 12.54
CIE LCh	75, 16.519, 49.406
Yxy	48.2781, 0.3581, 0.3474
Android (android.graphics.Color)	4292194722 (0xFFD5B1A2)
YUV	186.0540, -11.8586, 23.6316
Hunter-Lab	69.4824, 6.2481, 13.7032

Details

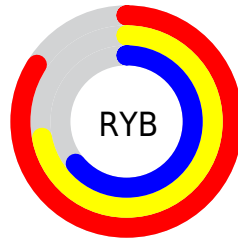
The CIELCh color $75, 16.519, 49.406$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $78, 14.332, 232.979$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 11.578, 64.764$, and $55, 16.824, 48.872$ is the 20% darker color. If you saturate the color by 10%, you get $71, 24.359, 48.975$, and if you desaturate by 10%, it is $79, 9.251, 49.929$.

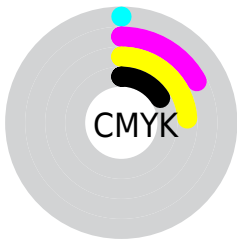
Distribution



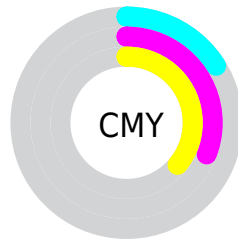
- Red (84%)
- Green (69%)
- Blue (64%)



- Red (84%)
- Yellow (72%)
- Blue (64%)



- Cyan (0%)
- Magenta (17%)
- Yellow (24%)
- Black (16%)



- Cyan (16%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 16.519, 49.406 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, 16.519, 49.406 by changing the saturation by 10% instead.

75, 16.519, 49.406

75, 16.519, 49.406

100, 16.519,
49.406

65, 16.519, 49.406

95, 16.519, 49.406

55, 16.519, 49.406

45, 16.519, 49.406

35, 16.519, 49.406

25, 16.519, 49.406

15, 16.519, 49.406

5, 16.519, 49.406

0, 16.519, 49.406

75, 16.519, 49.406

75, 16.519, 49.406

71, 24.359, 48.975

79, 9.251, 49.929

67, 32.801, 48.641

84, 2.512, 50.378

63, 41.839, 48.431

88, 3.752, 231.382

59, 51.393, 48.343

92, 9.593, 231.975

56, 61.235, 48.318

97, 13.152,
204.566

53, 70.826, 48.173

97, 14.005,
198.572

50, 79.032, 47.471

49, 83.132, 46.841

Harmonies

Complementary

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



75, 16.519, 49.406



78, 14.332, 232.979

Rectangle

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



75, 16.519, 49.406



75, 16.519, 99.406



75, 16.519, 229.406



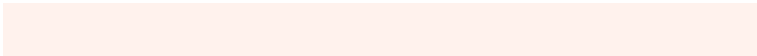
75, 16.519, 279.406

Sweetspot

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



75, 16.518, 49.415



96, 5.238, 50.278



72, 27.224, 335.281



51, 3.411, 50.250



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, 16.518, 49.415



86, 23.643, 49.168



81, 21.509, 96.567



43, 3.720, 50.165



39, 70.102, 47.342



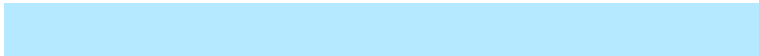
7, 18.393, 37.334

Inverse Universe

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



78, 14.332, 232.979



90, 19.782, 233.640



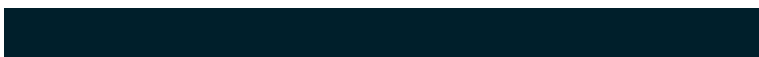
71, 22.020, 282.645



43, 3.534, 231.612



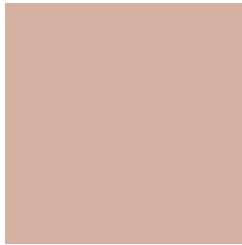
48, 35.854, 254.706



10, 13.141, 243.981

Previews

White Background



This preview shows how the CIELCh color 75, 16.519, 49.406 looks on a white background.

Color Contrast Check

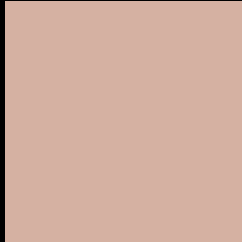
Large Text (above 18pt) WCAG AA × Fail

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, 16.519, 49.406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

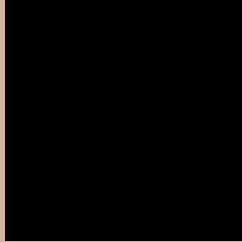
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 16.519, 49.406

Background



This preview shows how black text looks on a background with the CIELCh color 75, 16.519, 49.406.

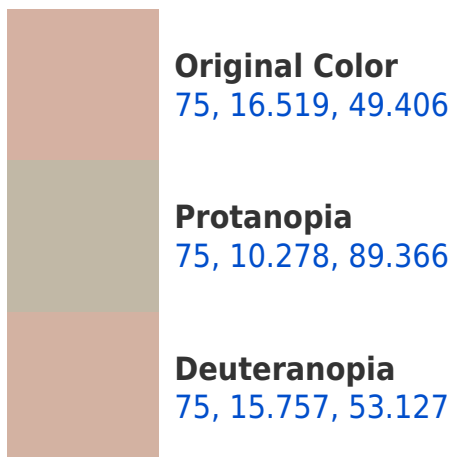


This preview shows how white text looks on a background with the CIELCh color 75, 16.519, 49.406.

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, 17.898, 356.207

Trichromacy



Original Color
75, 16.519, 49.406

Protanomaly
75, 11.556, 71.722

Deuteranomaly
75, 16.101, 52.358

Tritanomaly
75, 15.488, 14.785

Monochromacy



Original Color
75, 16.519, 49.406

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 5.898, 52.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 16.519, 49.406 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, 177, 162)` looks like.

```
.text, #text, p{  
    color:rgb(213, 177, 162)  
}
```

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, 177, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 177, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 16.519, 49.406 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, 177, 162) }
```

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

```
.border{ border-color:rgb(213, 177, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 177, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 177, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 177, 162);  
box-shadow:4px 4px 4px 4px rgb(213, 177,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 16.519, 49.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 177, 162) }
```

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

```
.background{ background-color: rgb(213,  
177, 162) }
```

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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