

Converting Colors

CIELCh(75, 18.700, 31.091)

Have a look what the booklet for
CIELCh(75, 18.700, 31.091) contains.

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Color

CIELCh(75, 18.473, 30.844)

Conversions

Conversions Part 1

Format	Color
Hex	DCAEA8
RGB	220, 174, 168
RGB Percent	86%, 68%, 66%
CMY	0.1375, 0.3179, 0.3414
CMYK	0.00, 0.21, 0.24, 0.14
HSL	7°, 43%, 76%
HSV	7°, 24%, 86%
XYZ	51.6813, 48.2781, 43.6101
YIQ	187.0700, 29.3420, 7.8860

Conversions

Conversions Part 2

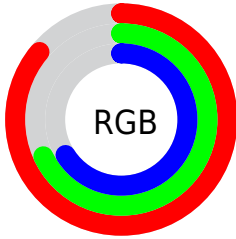
Format	Color
R _Y B	220, 175, 168
Decimal	14462632
CIE Lab	75.00, 15.86, 9.47
CIE LCh	75, 18.473, 30.844
Yxy	48.2781, 0.3600, 0.3363
Android (android.graphics.Color)	4292652712 (0xFFDCAEA8)
YUV	187.0700, -9.4015, 28.8796
Hunter-Lab	69.4824, 11.1747, 11.4248

Details

The CIELCh color **75, 18.473, 30.844** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **83, 15.678, 210.139**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 9.854, 41.275**, and **55, 18.559, 30.124** is the 20% darker color. If you saturate the color by 10%, you get **70, 27.396, 31.454**, and if you desaturate by 10%, it is **80, 10.222, 30.431**.

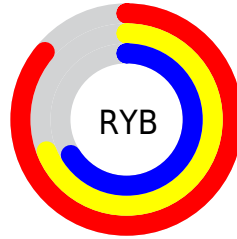
Distribution



Red (86%)

Green (68%)

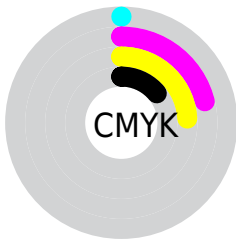
Blue (66%)



Red (86%)

Yellow (69%)

Blue (66%)

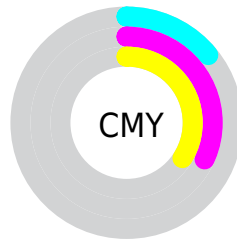


Cyan (0%)

Magenta (21%)

Yellow (24%)

Black (14%)



Cyan (14%)

Magenta (32%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 18.473, 30.844 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, 18.473, 30.844 by changing the saturation by 10% instead.

75, 18.473, 30.844

75, 18.473, 30.844

100, 18.473,
30.844

65, 18.473, 30.844

95, 18.473, 30.844

55, 18.473, 30.844

45, 18.473, 30.844

35, 18.473, 30.844

25, 18.473, 30.844

15, 18.473, 30.844

5, 18.473, 30.844

0, 18.473, 30.844

75, 18.473, 30.844

75, 18.473, 30.844

70, 27.396, 31.454

80, 10.222, 30.431

65, 36.989, 32.306

86, 2.618, 30.018

60, 47.188, 33.471

91, 4.393, 210.252

56, 57.839, 34.999

97, 10.816,
207.652

53, 68.643, 36.878

98, 11.824,
198.716

50, 79.003, 38.922

48, 87.603, 40.540

47, 91.659, 41.267

Harmonies

Complementary

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



75, 18.473, 30.844



83, 15.678, 210.139

Rectangle

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



75, 18.473, 30.844



75, 18.473, 80.844



75, 18.473, 210.844



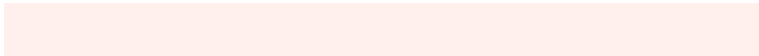
75, 18.473, 260.844

Sweetspot

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



75, 18.471, 30.852



96, 5.755, 30.199



75, 31.333, 328.643



51, 3.749, 30.222



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, 18.471, 30.852



83, 25.142, 31.101



81, 18.450, 82.340



43, 4.170, 30.285



37, 76.447, 41.505



6, 22.080, 26.281

Inverse Universe

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



83, 15.678, 210.139



93, 20.586, 210.193



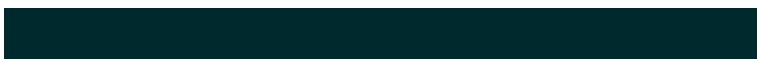
76, 17.972, 268.991



45, 3.923, 210.174



58, 33.090, 217.238



14, 13.476, 213.223

Previews

White Background



This preview shows how the CIELCh color 75, 18.473, 30.844 looks on a white background.

Color Contrast Check

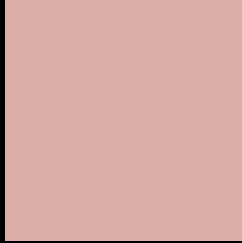
Large Text (above 18pt) WCAG AA × Fail

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, 18.473, 30.844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

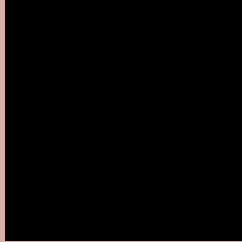
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 18.473, 30.844

Background



This preview shows how black text looks on a background with the CIELCh color 75, 18.473, 30.844.

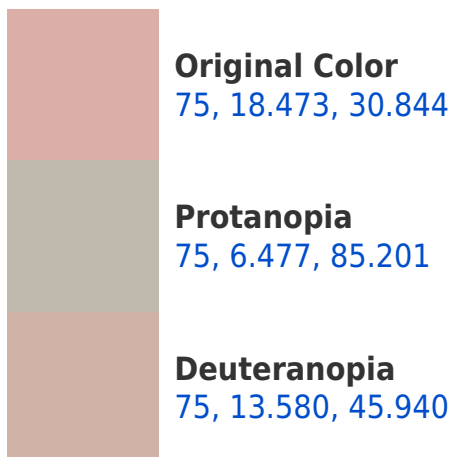


This preview shows how white text looks on a background with the CIELCh color 75, 18.473, 30.844.

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, 20.773, 0.161

Trichromacy



Original Color
75, 18.473, 30.844

Protanomaly
75, 9.816, 49.404

Deuteranomaly
75, 15.213, 41.012

Tritanomaly
75, 19.228, 9.902

Monochromacy



Original Color
75, 18.473, 30.844

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 6.538, 29.284

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 18.473, 30.844 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(220, 174, 168)` looks like.

```
.text, #text, p{  
    color:rgb(220, 174, 168)  
}
```

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(220, 174, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 174, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 18.473, 30.844 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(220, 174, 168) }
```

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

```
.border{ border-color:rgb(220, 174, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 174, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 174, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 174, 168); box-shadow:4px 4px 4px 4px rgb(220, 174, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 18.473, 30.844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 174, 168) }
```

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

```
.background{ background-color: rgb(220,  
174, 168) }
```

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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