

Converting Colors

CIELCh(75, 17.560, 52.600)

Have a look what the booklet for
CIELCh(75, 17.560, 52.600) contains.

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Color

CIELCh(75, 17.483, 51.670)

Conversions

Conversions Part 1

Format	Color
Hex	D6B1A0
RGB	214, 177, 160
RGB Percent	84%, 69%, 63%
CMY	0.1608, 0.3059, 0.3725
CMYK	0.00, 0.17, 0.25, 0.16
HSL	19°, 40%, 73%
HSV	19°, 25%, 84%
XYZ	49.7984, 48.2781, 39.9517
YIQ	186.1250, 27.5090, 2.5570

Conversions

Conversions Part 2

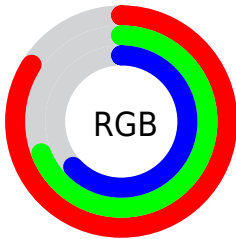
Format	Color
R _Y B	214, 185, 160
Decimal	14070176
CIE Lab	75.00, 10.84, 13.71
CIE LCh	75, 17.483, 51.670
Yxy	48.2781, 0.3608, 0.3498
Android (android.graphics.Color)	4292260256 (0xFFD6B1A0)
YUV	186.1250, -12.8796, 24.4464
Hunter-Lab	69.4824, 6.3376, 14.5466

Details

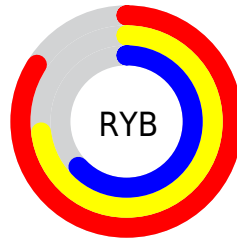
The CIELCh color **75, 17.483, 51.670** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77, 15.135, 235.940**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 12.349, 67.970**, and **55, 17.537, 49.735** is the 20% darker color. If you saturate the color by 10%, you get **71, 25.364, 51.136**, and if you desaturate by 10%, it is **79, 10.163, 52.289**.

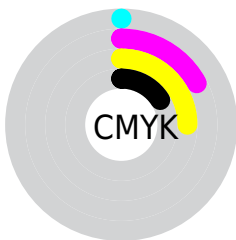
Distribution



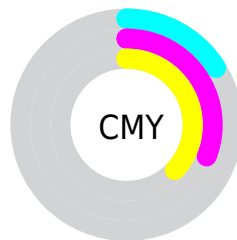
- Red (84%)
- Green (69%)
- Blue (63%)



- Red (84%)
- Yellow (73%)
- Blue (63%)



- Cyan (0%)
- Magenta (17%)
- Yellow (25%)
- Black (16%)



- Cyan (16%)
- Magenta (31%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 17.483, 51.670 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, 17.483, 51.670 by changing the saturation by 10% instead.

 75, 17.483, 51.670

 75, 17.483, 51.670

 100, 17.483,
51.670

 65, 17.483, 51.670

 95, 17.483, 51.670

 55, 17.483, 51.670

 45, 17.483, 51.670

 35, 17.483, 51.670

 25, 17.483, 51.670

 15, 17.483, 51.670

 5, 17.483, 51.670

 0, 17.483, 51.670

 75, 17.483, 51.670

 75, 17.483, 51.670

71, 25.364, 51.136

79, 10.163, 52.289

67, 33.833, 50.686

83, 3.364, 52.875

63, 42.877, 50.344

88, 2.968, 233.936

60, 52.400, 50.098

92, 8.883, 234.573

56, 62.147, 49.874

96, 12.330,
209.994

54, 71.514, 49.465

97, 13.732,
198.590

51, 79.295, 48.410

50, 82.468, 47.828

Harmonies

Complementary

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



75, 17.483, 51.670



77, 15.135, 235.940

Rectangle

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



75, 17.483, 51.670



75, 17.483, 101.670



75, 17.483, 231.670



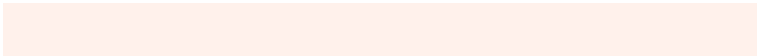
75, 17.483, 281.670

Sweetspot

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



75, 17.482, 51.679



96, 5.992, 52.729



72, 28.473, 336.080



51, 4.283, 52.640



0, 0.000, 0.000



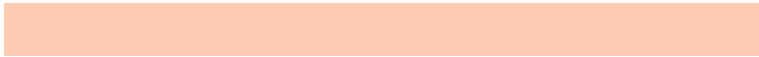
53, 0.007, 296.813

Same Dimension

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



75, 17.482, 51.679



86, 24.431, 51.393



82, 23.135, 97.470



43, 3.709, 52.650



40, 69.329, 48.362



7, 18.174, 39.091

Inverse Universe

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



77, 15.135, 235.940



89, 20.460, 236.640



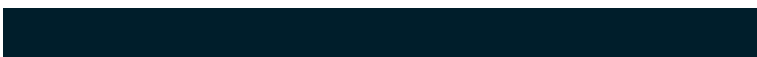
70, 23.803, 283.837



43, 3.532, 234.261



47, 37.054, 258.519



10, 13.382, 247.477

Previews

White Background



This preview shows how the CIELCh color 75, 17.483, 51.670 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, 17.483, 51.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

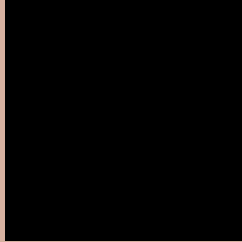
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 17.483, 51.670

Background



This preview shows how black text looks on a background with the CIELCh color 75, 17.483, 51.670.



This preview shows how white text looks on a background with the CIELCh color 75, 17.483, 51.670.

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

75, 17.483, 51.670

Protanopia

75, 11.299, 91.053

Deuteranopia

75, 16.759, 55.276



Tritanopia
75, 18.247, 356.758

Trichromacy



Original Color
75, 17.483, 51.670

Protanomaly
75, 12.502, 70.248

Deuteranomaly
75, 17.096, 54.506

Tritanomaly
75, 16.292, 15.158

Monochromacy



Original Color
75, 17.483, 51.670

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, 17.483, 51.670 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(214, 177, 160)` looks like.

```
.text, #text, p{  
    color:rgb(214, 177, 160)  
}
```

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(214, 177, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 177, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 17.483, 51.670 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(214, 177, 160) }
```

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

```
.border{ border-color:rgb(214, 177, 160) }
```

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

Here you see how a box with a 4 pixel rgb(214, 177, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 177, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 177, 160);  
box-shadow:4px 4px 4px 4px rgb(214, 177,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 17.483, 51.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 177, 160) }
```

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

```
.background{ background-color: rgb(214,  
177, 160) }
```

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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