

Converting Colors

CIELCh(75, 16.001, 24.538)

Have a look what the booklet for
CIELCh(75, 16.001, 24.538) contains.

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Color

CIELCh(75, 16.021, 24.544)

Conversions

Conversions Part 1

Format	Color
Hex	D8AFAD
RGB	216, 175, 173
RGB Percent	85%, 69%, 68%
CMY	0.1529, 0.3137, 0.3216
CMYK	0.00, 0.19, 0.20, 0.15
HSL	3°, 36%, 76%
HSV	3°, 20%, 85%
XYZ	51.1939, 48.2781, 46.1573
YIQ	187.0310, 25.0780, 8.0700

Conversions

Conversions Part 2

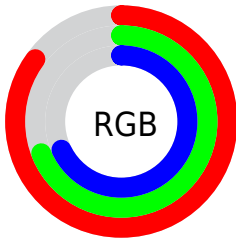
Format	Color
R _Y B	216, 175, 173
Decimal	14200749
CIE Lab	75.00, 14.57, 6.65
CIE LCh	75, 16.021, 24.544
Yxy	48.2781, 0.3515, 0.3315
Android (android.graphics.Color)	4292390829 (0xFFD8AFAD)
YUV	187.0310, -6.9173, 25.4058
Hunter-Lab	69.4824, 9.9226, 9.2513

Details

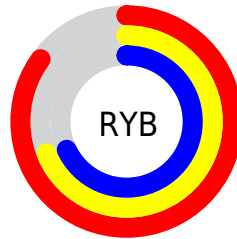
The CIELCh color **75, 16.021, 24.544** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **83, 14.014, 202.816**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 8.868, 29.900**, and **55, 16.345, 23.180** is the 20% darker color. If you saturate the color by 10%, you get **70, 25.046, 25.421**, and if you desaturate by 10%, it is **81, 7.655, 23.874**.

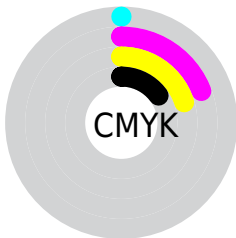
Distribution



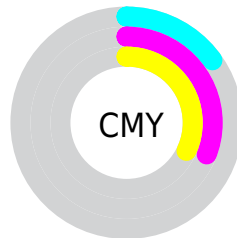
- Red (85%)
- Green (69%)
- Blue (68%)



- Red (85%)
- Yellow (69%)
- Blue (68%)



- Cyan (0%)
- Magenta (19%)
- Yellow (20%)
- Black (15%)



- Cyan (15%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 16.021, 24.544 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, 16.021, 24.544 by changing the saturation by 10% instead.

75, 16.021, 24.544

75, 16.021, 24.544

100, 16.021,
24.544

65, 16.021, 24.544

95, 16.021, 24.544

55, 16.021, 24.544

45, 16.021, 24.544

35, 16.021, 24.544

25, 16.021, 24.544

15, 16.021, 24.544

5, 16.021, 24.544

0, 16.021, 24.544

75, 16.021, 24.544

75, 16.021, 24.544

70, 25.046, 25.421

81, 7.655, 23.874

64, 34.714, 26.572

86, 0.069, 212.015

59, 44.937, 28.093

92, 7.199, 203.209

55, 55.536, 30.070

97, 13.090,
198.632

51, 66.218, 32.551

48, 76.507, 35.442

46, 85.450, 38.274

45, 91.607, 40.380

45, 91.659, 40.403

Harmonies

Complementary

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



75, 16.021, 24.544



83, 14.014, 202.816

Rectangle

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



75, 16.021, 24.544



75, 16.021, 74.544



75, 16.021, 204.544



75, 16.021, 254.544

Sweetspot

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



75, 16.019, 24.552



96, 5.223, 23.624



76, 27.204, 326.441



51, 3.473, 23.669



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, 16.019, 24.552



84, 22.484, 24.898



80, 14.484, 76.401



42, 4.347, 23.843



36, 76.710, 40.469



5, 21.348, 22.062

Inverse Universe

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



83, 14.014, 202.816



95, 19.048, 202.691



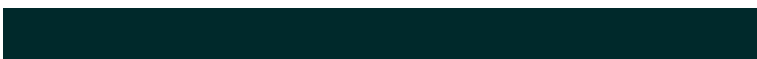
77, 13.894, 261.856



44, 4.092, 203.200



61, 34.887, 204.033



14, 13.826, 202.558

Previews

White Background



This preview shows how the CIELCh color 75, 16.021, 24.544 looks on a white background.

Color Contrast Check

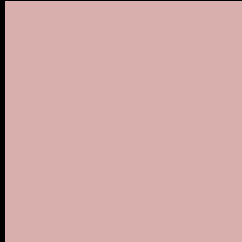
Large Text (above 18pt) WCAG AA × Fail

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, 16.021, 24.544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

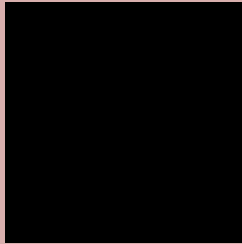
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 16.021, 24.544

Background



This preview shows how black text looks on a background with the CIELCh color 75, 16.021, 24.544.

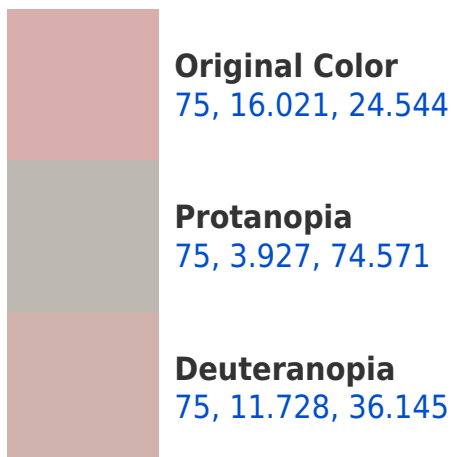


This preview shows how white text looks on a background with the CIELCh color 75, 16.021, 24.544.

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, 18.418, 358.845

Trichromacy



Original Color
75, 16.021, 24.544

Protanomaly
75, 7.391, 41.140

Deuteranomaly
75, 13.134, 32.152

Tritanomaly
75, 16.884, 8.076

Monochromacy



Original Color
75, 16.021, 24.544

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.689, 25.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 16.021, 24.544 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(216, 175, 173)` looks like.

```
.text, #text, p{  
    color:rgb(216, 175, 173)  
}
```

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(216, 175, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 175, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 16.021, 24.544 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(216, 175, 173) }
```

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

```
.border{ border-color:rgb(216, 175, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 175, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 175, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 175, 173);  
box-shadow:4px 4px 4px 4px rgb(216, 175,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 16.021, 24.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 175, 173) }
```

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

```
.background{ background-color: rgb(216,  
175, 173) }
```

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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