

Converting Colors

CIELCh(74, 28.558, 70.005)

Have a look what the booklet for
CIELCh(74, 28.558, 70.005) contains.

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Color

CIELCh(74, 28.558, 70.005)

Conversions

Conversions Part 1

Format	Color
Hex	D8AE85
RGB	216, 174, 133
RGB Percent	85%, 68%, 52%
CMY	0.1519, 0.3167, 0.4775
CMYK	0.00, 0.19, 0.38, 0.15
HSL	30°, 52%, 69%
HSV	30°, 38%, 85%
XYZ	47.8280, 46.7039, 28.7683
YIQ	181.8840, 38.1930, -3.8470

Conversions

Conversions Part 2

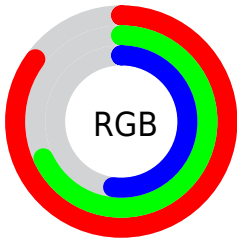
Format	Color
RYB	216, 214, 133
Decimal	14200453
CIELab	74.00, 9.77, 26.84
CIELCh	74, 28.558, 70.005
Yxy	46.7039, 0.3879, 0.3788
Android (android.graphics.Color)	4292390533 (0xFFD8AE85)
YUV	181.8840, -24.0998, 29.9197
Hunter-Lab	68.3403, 5.3279, 22.8797

Details

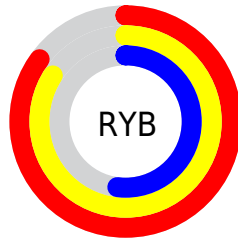
The CIELCh color **74, 28.558, 70.005** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **70, 25.493, 261.276**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 24.379, 83.931**, and **54, 28.705, 70.165** is the 20% darker color. If you saturate the color by 10%, you get **71, 36.853, 68.752**, and if you desaturate by 10%, it is **77, 20.612, 71.259**.

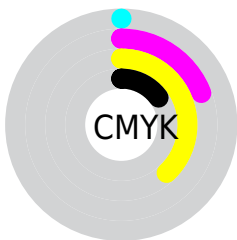
Distribution



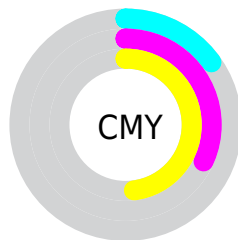
- Red (85%)
- Green (68%)
- Blue (52%)



- Red (85%)
- Yellow (84%)
- Blue (52%)



- Cyan (0%)
- Magenta (19%)
- Yellow (38%)
- Black (15%)



- Cyan (15%)
- Magenta (32%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 28.558, 70.005 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 74, 28.558, 70.005 by changing the saturation by 10% instead.

■ 74, 28.558, 70.005

■ 74, 28.558, 70.005

■ 100, 28.558,
70.005

■ 64, 28.558, 70.005

■ 94, 28.558, 70.005

■ 54, 28.558, 70.005

■ 44, 28.558, 70.005

■ 34, 28.558, 70.005

■ 24, 28.558, 70.005

■ 14, 28.558, 70.005

■ 4, 28.558, 70.005

■ 0, 28.558, 70.005

■ 74, 28.558, 70.005

■ 74, 28.558, 70.005

71, 36.853, 68.752

77, 20.612, 71.259

68, 45.422, 67.471

80, 13.032, 72.493

65, 54.073, 66.123

84, 5.804, 73.684

62, 62.395, 64.601

87, 1.097, 255.320

60, 69.615, 62.679

90, 7.701, 256.188

58, 74.833, 60.079

94, 10.962,
244.453

57, 75.630, 59.675

96, 11.750,
209.213

97, 13.009,
198.637

Harmonies

Complementary

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



74, 28.558, 70.005



70, 25.493, 261.276

Rectangle

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



74, 28.558, 70.005



74, 28.558, 120.005



74, 28.558, 250.005



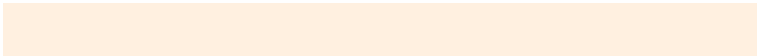
74, 28.558, 300.005

Sweetspot

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



74, 28.558, 70.011



95, 9.573, 73.251



65, 38.726, 346.468



50, 6.370, 73.093



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 28.558, 70.011



83, 39.863, 69.000



84, 42.025, 105.752



43, 3.905, 73.567



46, 63.224, 60.336



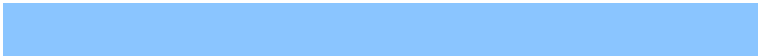
10, 17.037, 58.539

Inverse Universe

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



70, 25.493, 261.276



78, 34.659, 263.278



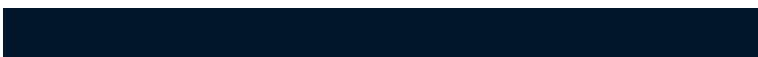
59, 46.231, 294.657



43, 3.817, 256.045



37, 52.557, 283.188



7, 17.046, 272.326

Previews

White Background



This preview shows how the CIELCh color 74, 28.558, 70.005 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 74, 28.558, 70.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

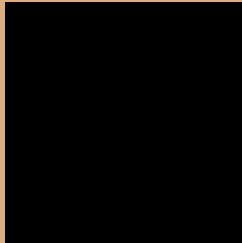
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 28.558, 70.005

Background



This preview shows how black text looks on a background with the CIELCh color 74, 28.558, 70.005.



This preview shows how white text looks on a background with the CIELCh color 74, 28.558, 70.005.

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

74, 28.558, 70.005

Protanopia

74, 24.731, 95.386

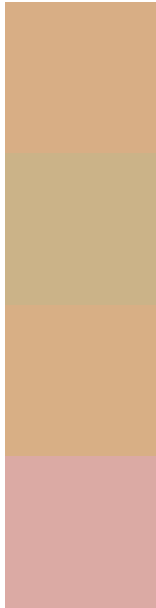
Deuteranopia

74, 28.694, 71.237



Tritanopia
74, 21.424, 2.407

Trichromacy



Original Color
74, 28.558, 70.005

Protanomaly
74, 25.251, 84.789

Deuteranomaly
74, 28.694, 71.237

Tritanomaly
74, 19.775, 30.346

Monochromacy



Original Color
74, 28.558, 70.005

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 9.994, 73.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 28.558, 70.005 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, 174, 133)` looks like.

```
.text, #text, p{  
    color:rgb(216, 174, 133)  
}
```

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, 174, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 174, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 28.558, 70.005 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, 174, 133) }
```

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

```
.border{ border-color:rgb(216, 174, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 174, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 174, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 174, 133);  
box-shadow:4px 4px 4px 4px rgb(216, 174,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 28.558, 70.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 174, 133) }
```

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

```
.background{ background-color: rgb(216,  
174, 133) }
```

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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