

Converting Colors

CIELCh(71, 24.602, 35.324)

Have a look what the booklet for
CIELCh(71, 24.602, 35.324) contains.

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Color

CIELCh(71, 24.567, 35.318)

Conversions

Conversions Part 1

Format	Color
Hex	DAA095
RGB	218, 160, 149
RGB Percent	85%, 63%, 58%
CMY	0.1453, 0.3727, 0.4159
CMYK	0.00, 0.27, 0.32, 0.15
HSL	10°, 48%, 72%
HSV	10°, 32%, 85%
XYZ	46.8781, 42.1875, 34.0836
YIQ	176.0880, 38.0990, 8.8750

Conversions

Conversions Part 2

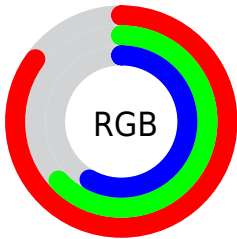
Format	Color
R _Y B	218, 162, 149
Decimal	14327957
CIE Lab	71.00, 20.05, 14.20
CIE LCh	71, 24.567, 35.318
Yxy	42.1875, 0.3807, 0.3426
Android (android.graphics.Color)	4292518037 (0xFFDAA095)
YUV	176.0880, -13.3544, 36.7568
Hunter-Lab	64.9519, 15.1640, 14.3538

Details

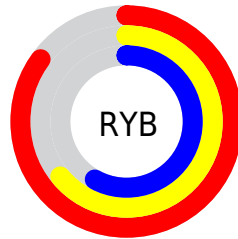
The CIELCh color **71, 24.567, 35.318** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80, 19.596, 215.698**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 16.444, 42.473**, and **51, 24.850, 35.373** is the 20% darker color. If you saturate the color by 10%, you get **66, 33.690, 35.839**, and if you desaturate by 10%, it is **76, 16.114, 35.009**.

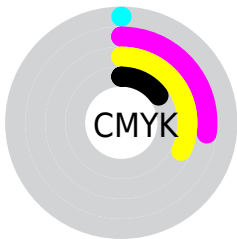
Distribution



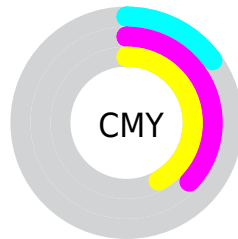
- Red (85%)
- Green (63%)
- Blue (58%)



- Red (85%)
- Yellow (64%)
- Blue (58%)



- Cyan (0%)
- Magenta (27%)
- Yellow (32%)
- Black (15%)



- Cyan (15%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 24.567, 35.318 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 71, 24.567, 35.318 by changing the saturation by 10% instead.

71, 24.567, 35.318

71, 24.567, 35.318

100, 24.567,
35.318

61, 24.567, 35.318

91, 24.567, 35.318

51, 24.567, 35.318

41, 24.567, 35.318

31, 24.567, 35.318

21, 24.567, 35.318

11, 24.567, 35.318

1, 24.567, 35.318

0, 24.567, 35.318

71, 24.567, 35.318

71, 24.567, 35.318

66, 33.690, 35.839

76, 16.114, 35.009

62, 43.460, 36.604

81, 8.318, 34.834

58, 53.775, 37.660

86, 1.134, 34.367

54, 64.407, 38.998

91, 5.494, 215.065

51, 74.862, 40.480

97, 11.396,
207.728

49, 84.049, 41.659

97, 12.468,
198.673

47, 89.819, 42.165

Harmonies

Complementary

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



71, 24.567, 35.318



80, 19.596, 215.698

Rectangle

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



71, 24.567, 35.318



71, 24.567, 85.318



71, 24.567, 215.318



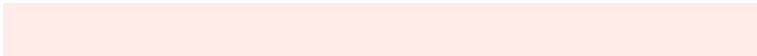
71, 24.567, 265.318

Sweetspot

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



71, 24.565, 35.324



95, 7.217, 34.798



70, 40.161, 330.778



50, 5.045, 34.819



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 24.565, 35.324



78, 34.436, 35.642



79, 25.795, 85.649



43, 4.034, 34.803



37, 75.389, 42.478



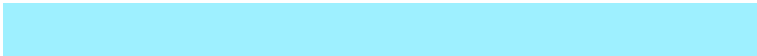
7, 21.465, 28.842

Inverse Universe

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



80, 19.596, 215.698



90, 25.970, 216.081



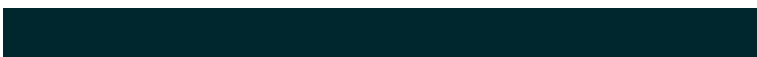
70, 25.444, 274.784



45, 3.798, 215.069



56, 32.610, 226.555



13, 13.180, 220.689

Previews

White Background



This preview shows how the CIELCh color 71, 24.567, 35.318 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 CIE LCh color 71, 24.567, 35.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

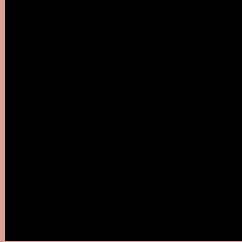
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 24.567, 35.318

Background



This preview shows how black text looks on a background with the CIELCh color 71, 24.567, 35.318.

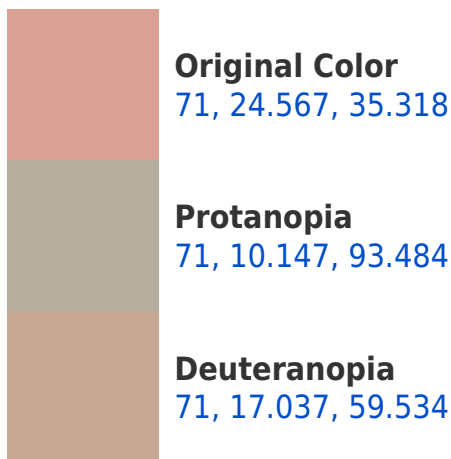


This preview shows how white text looks on a background with the CIELCh color 71, 24.567, 35.318.

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
71, 25.367, 7.124

Trichromacy



Original Color
71, 24.567, 35.318

Protanomaly
71, 13.302, 60.626

Deuteranomaly
71, 19.589, 48.539

Tritanomaly
71, 24.273, 16.614

Monochromacy



Original Color
71, 24.567, 35.318

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 8.433, 34.906

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 24.567, 35.318 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(218, 160, 149)` looks like.

```
.text, #text, p{  
    color:rgb(218, 160, 149)  
}
```

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(218, 160, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 160, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 24.567, 35.318 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(218, 160, 149) }
```

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

```
.border{ border-color:rgb(218, 160, 149) }
```

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

Here you see how a box with a 4 pixel rgb(218, 160, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 160, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 160, 149);  
box-shadow:4px 4px 4px 4px rgb(218, 160,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 24.567, 35.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 160, 149) }
```

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

```
.background{ background-color: rgb(218,  
160, 149) }
```

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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