

Converting Colors

CIELCh(71, 26.580, 42.656)

Have a look what the booklet for
CIELCh(71, 26.580, 42.656) contains.

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Color

CIELCh(71, 26.580, 42.656)

Conversions

Conversions Part 1

Format	Color
Hex	DBA08E
RGB	219, 160, 142
RGB Percent	86%, 63%, 56%
CMY	0.1409, 0.3723, 0.4429
CMYK	0.00, 0.27, 0.35, 0.14
HSL	14°, 52%, 71%
HSV	14°, 35%, 86%
XYZ	46.7011, 42.1875, 31.2960
YIQ	175.5890, 40.9420, 6.9100

Conversions

Conversions Part 2

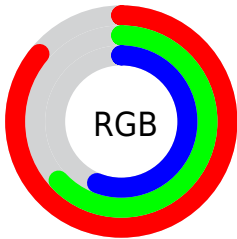
Format	Color
R _Y B	219, 165, 142
Decimal	14393486
CIE Lab	71.00, 19.55, 18.01
CIE LCh	71, 26.580, 42.656
Yxy	42.1875, 0.3886, 0.3510
Android (android.graphics.Color)	4292583566 (0xFFDBA08E)
YUV	175.5890, -16.5594, 38.0714
Hunter-Lab	64.9519, 14.6776, 16.8985

Details

The CIELCh color **71, 26.580, 42.656** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **78, 20.870, 225.958**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 18.329, 52.603**, and **51, 26.393, 42.201** is the 20% darker color. If you saturate the color by 10%, you get **67, 35.569, 42.746**, and if you desaturate by 10%, it is **76, 18.246, 42.734**.

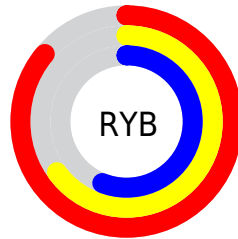
Distribution



Red (86%)

Green (63%)

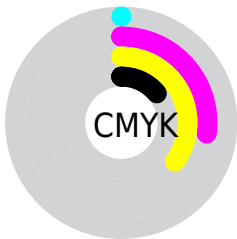
Blue (56%)



Red (86%)

Yellow (65%)

Blue (56%)

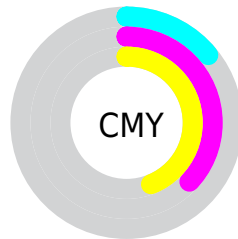


Cyan (0%)

Magenta (27%)

Yellow (35%)

Black (14%)



Cyan (14%)

Magenta (37%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 26.580, 42.656 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, 26.580, 42.656 by changing the saturation by 10% instead.

71, 26.580, 42.656

71, 26.580, 42.656

100, 26.580,
42.656

61, 26.580, 42.656

91, 26.580, 42.656

51, 26.580, 42.656

41, 26.580, 42.656

31, 26.580, 42.656

21, 26.580, 42.656

11, 26.580, 42.656

1, 26.580, 42.656

0, 26.580, 42.656

71, 26.580, 42.656

71, 26.580, 42.656

67, 35.569, 42.746

76, 18.246, 42.734

63, 45.196, 43.015

80, 10.550, 42.921

59, 55.353, 43.475

85, 3.444, 43.117

55, 65.771, 44.068

90, 3.125, 223.846

52, 75.821, 44.580

95, 9.216, 224.158

50, 84.163, 44.481

98, 12.105,
198.697

49, 87.507, 44.333

Harmonies

Complementary

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



71, 26.580, 42.656



78, 20.870, 225.958

Rectangle

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



71, 26.580, 42.656



71, 26.580, 92.656



71, 26.580, 222.656



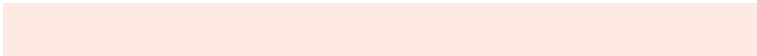
71, 26.580, 272.656

Sweetspot

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



71, 26.579, 42.662



94, 8.522, 43.014



69, 42.203, 334.101



49, 5.758, 42.982



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, 26.579, 42.662



78, 37.003, 42.705



81, 30.955, 91.713



44, 3.866, 43.052



39, 73.089, 44.768



7, 20.513, 33.545

Inverse Universe

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



78, 20.870, 225.958



87, 27.385, 226.851



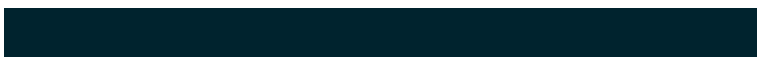
67, 31.593, 281.552



45, 3.653, 223.984



52, 33.672, 242.628



12, 13.172, 233.972

Previews

White Background



This preview shows how the CIELCh color 71, 26.580, 42.656 looks on a white background.

Color Contrast Check

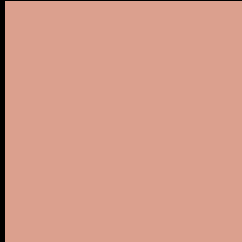
Large Text (above 18pt) WCAG AA × Fail

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, 26.580, 42.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

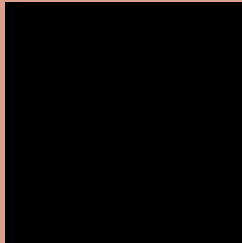
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 26.580, 42.656

Background



This preview shows how black text looks on a background with the CIELCh color 71, 26.580, 42.656.



This preview shows how white text looks on a background with the CIELCh color 71, 26.580, 42.656.

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

71, 26.580, 42.656

Protanopia

71, 14.032, 93.997

Deuteranopia

71, 20.352, 63.764



Tritanopia
71, 26.552, 7.940

Trichromacy



Original Color
71, 26.580, 42.656

Protanomaly
71, 16.718, 67.988

Deuteranomaly
71, 22.288, 54.409

Tritanomaly
71, 25.583, 19.404

Monochromacy



Original Color
71, 26.580, 42.656

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 9.184, 40.752

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 26.580, 42.656 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(219, 160, 142)` looks like.

```
.text, #text, p{  
    color:rgb(219, 160, 142)  
}
```

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(219, 160, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 160, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 26.580, 42.656 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(219, 160, 142) }
```

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

```
.border{ border-color:rgb(219, 160, 142) }
```

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

Here you see how a box with a 4 pixel rgb(219, 160, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 160, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 160, 142);  
box-shadow:4px 4px 4px 4px rgb(219, 160,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 26.580, 42.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 160, 142) }
```

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

```
.background{ background-color: rgb(219,  
160, 142) }
```

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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