

Converting Colors

CIELCh(71, 27.128, 50.614)

Have a look what the booklet for
CIELCh(71, 27.128, 50.614) contains.

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Color

CIELCh(71, 27.030, 50.800)

Conversions

Conversions Part 1

Format	Color
Hex	D9A289
RGB	217, 162, 137
RGB Percent	85%, 64%, 54%
CMY	0.1507, 0.3662, 0.4642
CMYK	0.00, 0.25, 0.37, 0.15
HSL	19°, 51%, 69%
HSV	19°, 37%, 85%
XYZ	45.8316, 42.1875, 29.2534
YIQ	175.5950, 40.8050, 3.8850

Conversions

Conversions Part 2

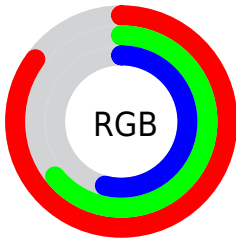
Format	Color
RYB	217, 173, 137
Decimal	14262921
CIELab	71.00, 17.08, 20.95
CIELCh	71, 27.030, 50.800
Yxy	42.1875, 0.3908, 0.3597
Android (android.graphics.Color)	4292453001 (0xFFD9A289)
YUV	175.5950, -19.0273, 36.3122
Hunter-Lab	64.9519, 12.2880, 18.7629

Details

The CIELCh color **71, 27.030, 50.800** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75, 21.604, 237.366**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 20.431, 63.012**, and **51, 26.877, 50.726** is the 20% darker color. If you saturate the color by 10%, you get **67, 35.692, 50.389**, and if you desaturate by 10%, it is **75, 18.963, 51.323**.

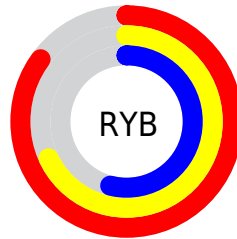
Distribution



Red (85%)

Green (64%)

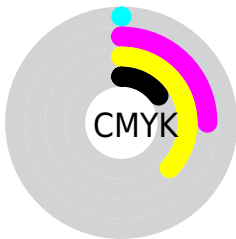
Blue (54%)



Red (85%)

Yellow (68%)

Blue (54%)

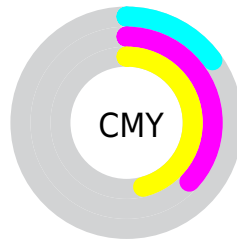


Cyan (0%)

Magenta (25%)

Yellow (37%)

Black (15%)



Cyan (15%)

Magenta (37%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 27.030, 50.800 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, 27.030, 50.800 by changing the saturation by 10% instead.

71, 27.030, 50.800

71, 27.030, 50.800

100, 27.030,
50.800

61, 27.030, 50.800

91, 27.030, 50.800

51, 27.030, 50.800

41, 27.030, 50.800

31, 27.030, 50.800

21, 27.030, 50.800

11, 27.030, 50.800

1, 27.030, 50.800

0, 27.030, 50.800

71, 27.030, 50.800

71, 27.030, 50.800

67, 35.692, 50.389

75, 18.963, 51.323

63, 44.929, 50.082

79, 11.474, 51.913

60, 54.624, 49.866

84, 4.519, 52.514

57, 64.472, 49.653

88, 1.951, 233.617

54, 73.778, 49.197

92, 7.991, 234.155

51, 81.254, 48.022

96, 11.674,
209.029

50, 83.342, 47.688

97, 12.906,
198.644

Harmonies

Complementary

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



71, 27.030, 50.800



75, 21.604, 237.366

Rectangle

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



71, 27.030, 50.800



71, 27.030, 100.800



71, 27.030, 230.800



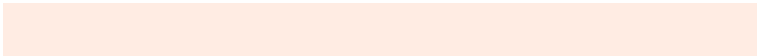
71, 27.030, 280.800

Sweetspot

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



71, 27.029, 50.806



95, 8.334, 52.271



67, 41.920, 337.028



50, 5.629, 52.187



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, 27.029, 50.806



79, 37.852, 50.484



81, 34.211, 96.050



43, 3.710, 52.373



40, 69.415, 48.244



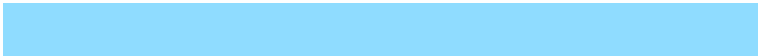
7, 18.198, 38.889

Inverse Universe

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



75, 21.604, 237.366



84, 28.661, 238.755



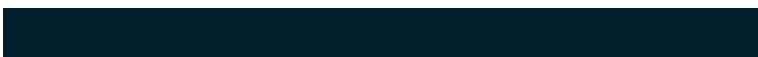
64, 35.814, 285.946



43, 3.532, 233.965



47, 36.913, 258.104



10, 13.352, 247.092

Previews

White Background



This preview shows how the CIELCh color 71, 27.030, 50.800 looks on a white background.

Color Contrast Check

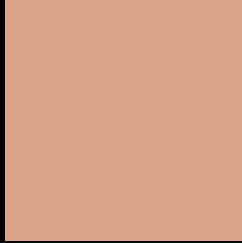
Large Text (above 18pt) WCAG AA × Fail

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 71, 27.030, 50.800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

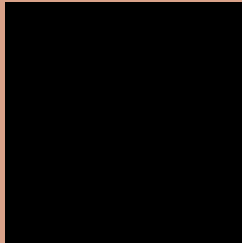
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 27.030, 50.800

Background



This preview shows how black text looks on a background with the CIELCh color 71, 27.030, 50.800.



This preview shows how white text looks on a background with the CIELCh color 71, 27.030, 50.800.

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, 27.030, 50.800

Protanopia

71, 17.817, 95.314

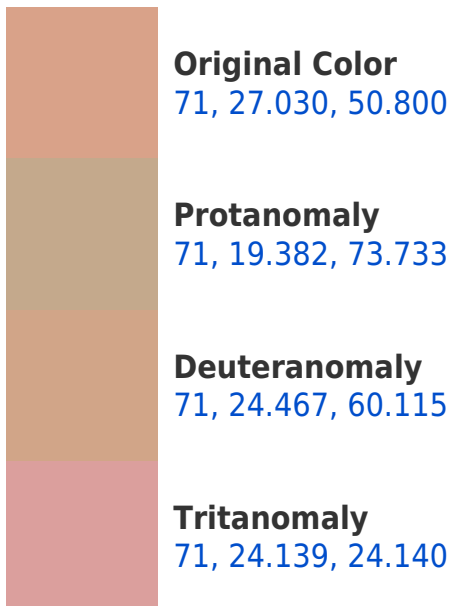
Deuteranopia

71, 23.030, 66.635

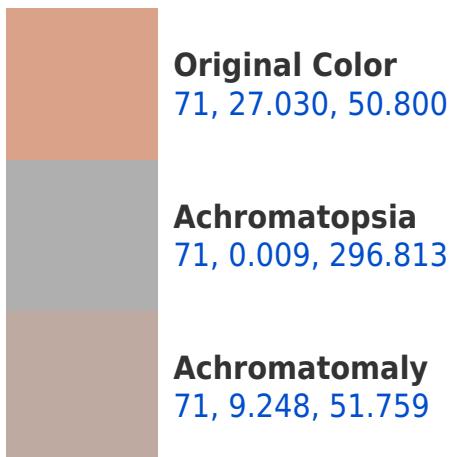


Tritanopia
71, 25.367, 7.124

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 27.030, 50.800 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(217, 162, 137)` looks like.

```
.text, #text, p{  
    color:rgb(217, 162, 137)  
}
```

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(217, 162, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 162, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 27.030, 50.800 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(217, 162, 137) }
```

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

```
.border{ border-color:rgb(217, 162, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 162, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 162, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 162, 137);  
box-shadow:4px 4px 4px 4px rgb(217, 162,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 27.030, 50.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 162, 137) }
```

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

```
.background{ background-color: rgb(217,  
162, 137) }
```

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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