

Converting Colors

CIELCh(73, 27.688, 63.002)

Have a look what the booklet for
CIELCh(73, 27.688, 63.002) contains.

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Color

CIELCh(73, 27.639, 63.020)

Conversions

Conversions Part 1

Format	Color
Hex	D9AA87
RGB	217, 170, 135
RGB Percent	85%, 67%, 53%
CMY	0.1497, 0.3339, 0.4712
CMYK	0.00, 0.22, 0.38, 0.15
HSL	26°, 52%, 69%
HSV	26°, 38%, 85%
XYZ	47.2759, 45.1644, 29.0933
YIQ	180.0630, 39.2470, -0.9210

Conversions

Conversions Part 2

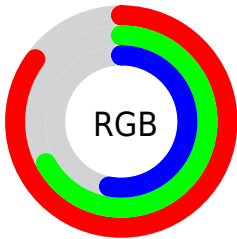
Format	Color
R _Y B	217, 196, 135
Decimal	14264967
CIE Lab	73.00, 12.54, 24.63
CIE LCh	73, 27.639, 63.020
Yxy	45.1644, 0.3890, 0.3716
Android (android.graphics.Color)	4292455047 (0xFFD9AA87)
YUV	180.0630, -22.2161, 32.3937
Hunter-Lab	67.2044, 7.9606, 21.3760

Details

The CIELCh color **73, 27.639, 63.020** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **72, 23.586, 253.084**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 22.443, 77.426**, and **53, 27.795, 62.914** is the 20% darker color. If you saturate the color by 10%, you get **70, 36.015, 61.998**, and if you desaturate by 10%, it is **77, 19.720, 64.078**.

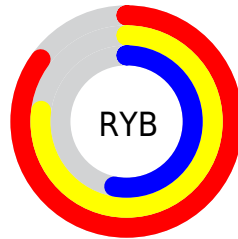
Distribution



Red (85%)

Green (67%)

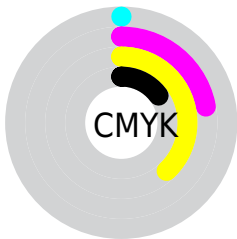
Blue (53%)



Red (85%)

Yellow (77%)

Blue (53%)

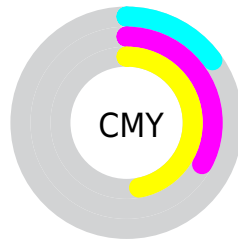


Cyan (0%)

Magenta (22%)

Yellow (38%)

Black (15%)



Cyan (15%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 27.639, 63.020 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 73, 27.639, 63.020 by changing the saturation by 10% instead.

73, 27.639, 63.020

73, 27.639, 63.020

100, 27.639,
63.020

63, 27.639, 63.020

93, 27.639, 63.020

53, 27.639, 63.020

43, 27.639, 63.020

33, 27.639, 63.020

23, 27.639, 63.020

13, 27.639, 63.020

3, 27.639, 63.020

0, 27.639, 63.020

73, 27.639, 63.020

73, 27.639, 63.020

70, 36.015, 61.998

77, 19.720, 64.078

66, 44.800, 60.987

80, 12.255, 65.143

63, 53.842, 59.956

84, 5.217, 66.182

60, 62.780, 58.798

87, 1.433, 247.670

58, 70.869, 57.273

91, 7.734, 248.489

55, 77.045, 55.027

95, 10.616,
229.887

55, 78.314, 54.556

97, 12.823,
198.649

Harmonies

Complementary

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



73, 27.639, 63.020



72, 23.586, 253.084

Rectangle

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



73, 27.639, 63.020



73, 27.639, 113.020



73, 27.639, 243.020



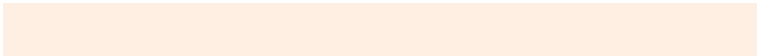
73, 27.639, 293.020

Sweetspot

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



73, 27.639, 63.026



95, 8.464, 65.849



66, 39.803, 342.739



50, 5.710, 65.707



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 27.639, 63.026



82, 38.390, 62.242



83, 39.040, 102.632



44, 3.846, 66.019



44, 65.986, 55.169



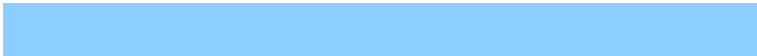
10, 18.538, 51.469

Inverse Universe

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



72, 23.586, 253.084



80, 31.576, 254.888



61, 42.280, 291.866



44, 3.720, 248.303



41, 46.421, 275.654



9, 16.124, 265.138

Previews

White Background



This preview shows how the CIELCh color 73, 27.639, 63.020 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 73, 27.639, 63.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

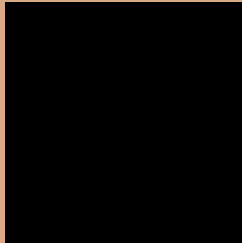
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 27.639, 63.020

Background



This preview shows how black text looks on a background with the CIELCh color 73, 27.639, 63.020.

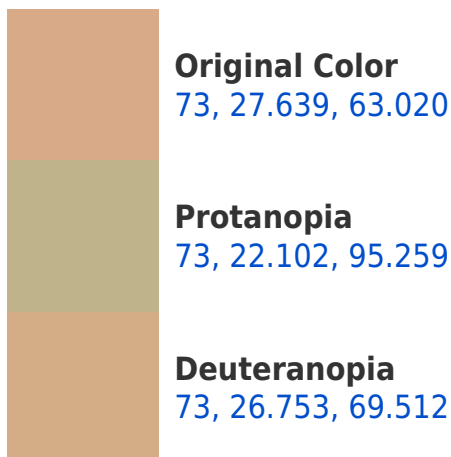


This preview shows how white text looks on a background with the CIELCh color 73, 27.639, 63.020.

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
73, 23.003, 3.916

Trichromacy



Original Color
73, 27.639, 63.020

Protanomaly
73, 23.350, 83.018

Deuteranomaly
73, 27.214, 66.858

Tritanomaly
73, 21.258, 27.003

Monochromacy



Original Color
73, 27.639, 63.020

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 9.287, 63.939

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 27.639, 63.020 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, 170, 135)` looks like.

```
.text, #text, p{  
    color:rgb(217, 170, 135)  
}
```

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, 170, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 170, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 27.639, 63.020 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, 170, 135) }
```

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

```
.border{ border-color:rgb(217, 170, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 170, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 170, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 170, 135);  
box-shadow:4px 4px 4px 4px rgb(217, 170,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 27.639, 63.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 170, 135) }
```

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

```
.background{ background-color: rgb(217,  
170, 135) }
```

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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