

Converting Colors

CIELCh(73, 29.389, 58.254)

Have a look what the booklet for
CIELCh(73, 29.389, 58.254) contains.

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Color

CIELCh(73, 29.627, 58.506)

Conversions

Conversions Part 1

Format	Color
Hex	DEA886
RGB	222, 168, 134
RGB Percent	87%, 66%, 53%
CMY	0.1301, 0.3418, 0.4751
CMYK	0.00, 0.24, 0.40, 0.13
HSL	23°, 57%, 70%
HSV	23°, 40%, 87%
XYZ	48.3356, 45.1644, 28.6673
YIQ	180.2700, 43.0980, 0.8740

Conversions

Conversions Part 2

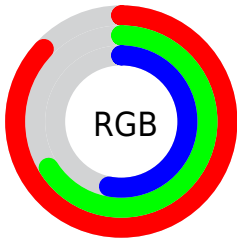
Format	Color
R _Y B	222, 189, 134
Decimal	14592134
CIE Lab	73.00, 15.48, 25.26
CIE LCh	73, 29.627, 58.506
Yxy	45.1644, 0.3957, 0.3697
Android (android.graphics.Color)	4292782214 (0xFFDEA886)
YUV	180.2700, -22.8111, 36.5972
Hunter-Lab	67.2044, 10.7752, 21.7519

Details

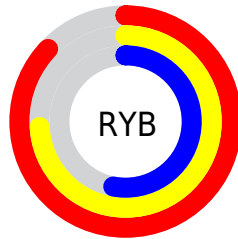
The CIELCh color **73, 29.627, 58.506** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **74, 24.329, 248.194**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 22.474, 75.099**, and **53, 29.632, 58.693** is the 20% darker color. If you saturate the color by 10%, you get **69, 38.354, 57.682**, and if you desaturate by 10%, it is **77, 21.421, 59.391**.

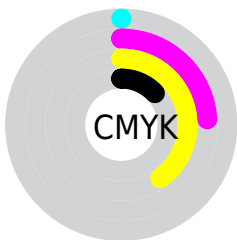
Distribution



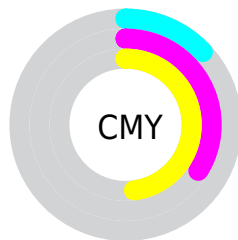
- Red (87%)
- Green (66%)
- Blue (53%)



- Red (87%)
- Yellow (74%)
- Blue (53%)



- Cyan (0%)
- Magenta (24%)
- Yellow (40%)
- Black (13%)



- Cyan (13%)
- Magenta (34%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 29.627, 58.506 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, 29.627, 58.506 by changing the saturation by 10% instead.

 73, 29.627, 58.506

 73, 29.627, 58.506

 100, 29.627,
58.506

 63, 29.627, 58.506

 93, 29.627, 58.506

 53, 29.627, 58.506

 43, 29.627, 58.506

 33, 29.627, 58.506

 23, 29.627, 58.506

 13, 29.627, 58.506

 3, 29.627, 58.506

 0, 29.627, 58.506

 73, 29.627, 58.506

 73, 29.627, 58.506

69, 38.354, 57.682

77, 21.421, 59.391

66, 47.550, 56.897

81, 13.732, 60.309

63, 57.042, 56.111

85, 6.531, 61.230

60, 66.417, 55.198

89, 0.228, 244.432

57, 74.813, 53.867

93, 6.590, 243.340

54, 81.267, 51.853

96, 9.699, 215.822

54, 81.482, 51.795

98, 11.210,
198.757

Harmonies

Complementary

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



73, 29.627, 58.506



74, 24.329, 248.194

Rectangle

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



73, 29.627, 58.506



73, 29.627, 108.506



73, 29.627, 238.506



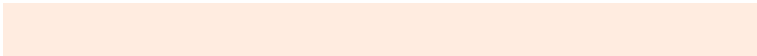
73, 29.627, 288.506

Sweetspot

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



73, 29.626, 58.512



95, 9.154, 61.010



67, 43.380, 341.224



50, 6.098, 60.889



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, 29.626, 58.512



79, 41.333, 57.786



84, 40.406, 100.666



44, 3.799, 61.251



43, 67.422, 52.437



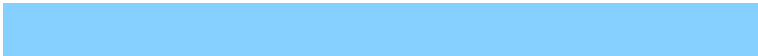
9, 18.806, 47.110

Inverse Universe

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



74, 24.329, 248.194



80, 32.260, 250.262



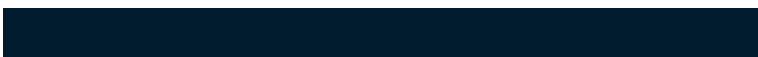
62, 43.617, 290.738



44, 3.652, 243.340



43, 42.790, 270.172



9, 15.183, 259.481

Previews

White Background



This preview shows how the CIELCh color 73, 29.627, 58.506 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, 29.627, 58.506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

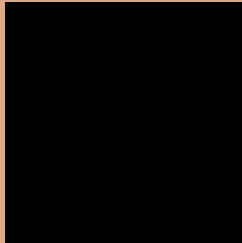
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 29.627, 58.506

Background



This preview shows how black text looks on a background with the CIELCh color 73, 29.627, 58.506.

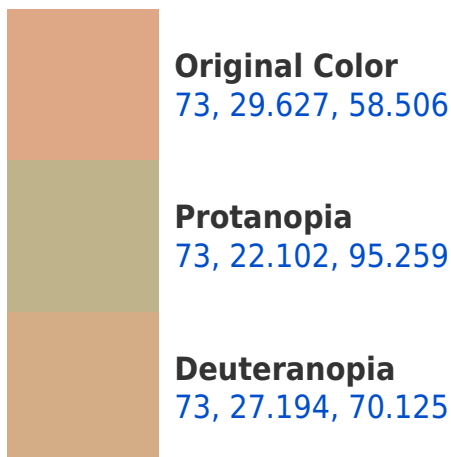



This preview shows how white text looks on a background with the CIELCh color 73, 29.627, 58.506.

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, 25.693, 6.132

Trichromacy



Original Color
73, 29.627, 58.506

Protanomaly
73, 23.478, 79.787

Deuteranomaly
73, 28.151, 64.970

Tritanomaly
73, 24.178, 26.579

Monochromacy



Original Color
73, 29.627, 58.506

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 10.250, 62.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 29.627, 58.506 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(222, 168, 134)` looks like.

```
.text, #text, p{  
    color:rgb(222, 168, 134)  
}
```

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(222, 168, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 168, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 29.627, 58.506 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(222, 168, 134) }
```

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

```
.border{ border-color:rgb(222, 168, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 168, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 168, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 168, 134); box-shadow:4px 4px 4px 4px rgb(222, 168, 134) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 29.627, 58.506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 168, 134) }
```

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

```
.background{ background-color: rgb(222,  
168, 134) }
```

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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