

Converting Colors

CIELCh(73, 27.596, 57.081)

Have a look what the booklet for
CIELCh(73, 27.596, 57.081) contains.

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Color

CIELCh(73, 27.446, 56.497)

Conversions

Conversions Part 1

Format	Color
Hex	DCA88A
RGB	220, 168, 138
RGB Percent	86%, 66%, 54%
CMY	0.1364, 0.3404, 0.4581
CMYK	0.00, 0.24, 0.37, 0.14
HSL	22°, 54%, 70%
HSV	22°, 37%, 86%
XYZ	48.2166, 45.1644, 30.2916
YIQ	180.1280, 40.6220, 1.6940

Conversions

Conversions Part 2

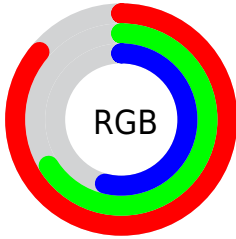
Format	Color
R _Y B	220, 185, 138
Decimal	14461066
CIE Lab	73.00, 15.15, 22.89
CIE LCh	73, 27.446, 56.497
Yxy	45.1644, 0.3899, 0.3652
Android (android.graphics.Color)	4292651146 (0xFFDCA88A)
YUV	180.1280, -20.7691, 34.9677
Hunter-Lab	67.2044, 10.4592, 20.3188

Details

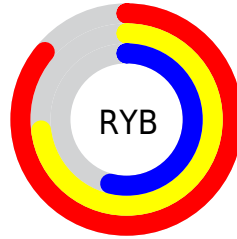
The CIELCh color **73, 27.446, 56.497** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **75, 22.556, 244.892**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 20.310, 71.484**, and **53, 27.261, 56.697** is the 20% darker color. If you saturate the color by 10%, you get **69, 36.057, 55.771**, and if you desaturate by 10%, it is **77, 19.381, 57.298**.

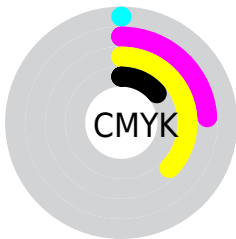
Distribution



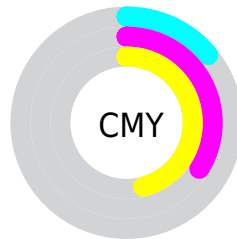
- Red (86%)
- Green (66%)
- Blue (54%)



- Red (86%)
- Yellow (73%)
- Blue (54%)



- Cyan (0%)
- Magenta (24%)
- Yellow (37%)
- Black (14%)



- Cyan (14%)
- Magenta (34%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 27.446, 56.497 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, 27.446, 56.497 by changing the saturation by 10% instead.

 73, 27.446, 56.497

 73, 27.446, 56.497

 100, 27.446,
56.497

 63, 27.446, 56.497

 93, 27.446, 56.497

 53, 27.446, 56.497

 43, 27.446, 56.497

 33, 27.446, 56.497

 23, 27.446, 56.497

 13, 27.446, 56.497

 3, 27.446, 56.497

 0, 27.446, 56.497

 73, 27.446, 56.497

 73, 27.446, 56.497

69, 36.057, 55.771

77, 19.381, 57.298

66, 45.185, 55.102

81, 11.849, 58.136

62, 54.700, 54.469

85, 4.812, 58.966

59, 64.273, 53.771

89, 1.778, 240.267

56, 73.177, 52.763

93, 7.970, 240.970

54, 80.192, 51.015

97, 10.788,
207.069

53, 81.959, 50.553

98, 11.736,
198.722

Harmonies

Complementary

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



73, 27.446, 56.497



75, 22.556, 244.892

Rectangle

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



73, 27.446, 56.497



73, 27.446, 106.497



73, 27.446, 236.497



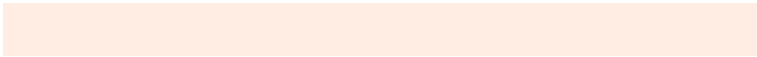
73, 27.446, 286.497

Sweetspot

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



73, 27.445, 56.503



95, 8.336, 58.657



67, 41.456, 339.353



50, 5.627, 58.542



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, 27.445, 56.503



80, 38.431, 55.903



83, 36.627, 99.061



44, 3.785, 58.794



42, 68.185, 51.161



9, 18.981, 44.995

Inverse Universe

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



75, 22.556, 244.892



82, 30.029, 246.651



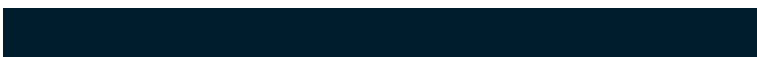
64, 38.951, 288.666



44, 3.628, 240.762



44, 41.108, 267.100



10, 14.765, 256.402

Previews

White Background



This preview shows how the CIELCh color 73, 27.446, 56.497 looks on a white background.

Color Contrast Check

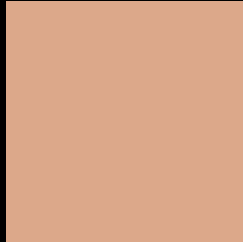
Large Text (above 18pt) WCAG AA × Fail

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, 27.446, 56.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

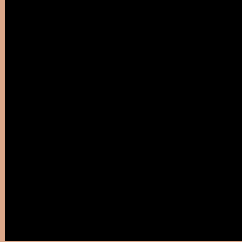
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 27.446, 56.497

Background



This preview shows how black text looks on a background with the CIELCh color 73, 27.446, 56.497.

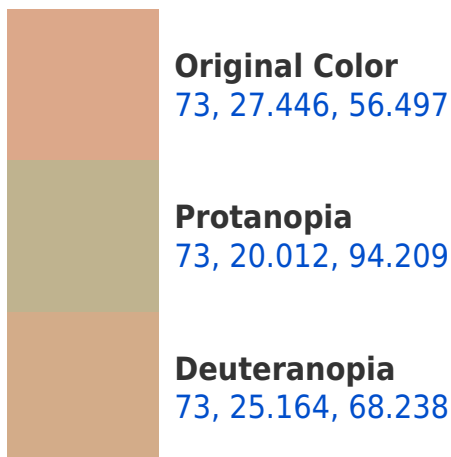


This preview shows how white text looks on a background with the CIELCh color 73, 27.446, 56.497.

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](#).

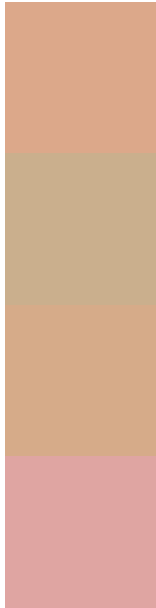
Dichromacy





Tritanopia
73, 24.531, 5.229

Trichromacy



Original Color
73, 27.446, 56.497

Protanomaly
73, 21.566, 77.457

Deuteranomaly
73, 25.952, 64.793

Tritanomaly
73, 23.224, 25.388

Monochromacy



Original Color
73, 27.446, 56.497

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 9.512, 58.395

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 27.446, 56.497 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(220, 168, 138)` looks like.

```
.text, #text, p{  
    color:rgb(220, 168, 138)  
}
```

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(220, 168, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 168, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 27.446, 56.497 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(220, 168, 138) }
```

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

```
.border{ border-color:rgb(220, 168, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 168, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 168, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 168, 138); box-shadow:4px 4px 4px 4px rgb(220, 168, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 27.446, 56.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 168, 138) }
```

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

```
.background{ background-color: rgb(220,  
168, 138) }
```

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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