

Converting Colors

CIELCh(73, 30.159, 42.278)

Have a look what the booklet for
CIELCh(73, 30.159, 42.278) contains.

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Color

CIELCh(73, 30.159, 42.278)

Conversions

Conversions Part 1

Format	Color
Hex	E6A38F
RGB	230, 163, 143
RGB Percent	90%, 64%, 56%
CMY	0.0968, 0.3596, 0.4381
CMYK	0.00, 0.29, 0.38, 0.10
HSL	14°, 64%, 73%
HSV	14°, 38%, 90%
XYZ	50.8625, 45.1644, 32.1356
YIQ	180.7530, 46.3520, 7.9840

Conversions

Conversions Part 2

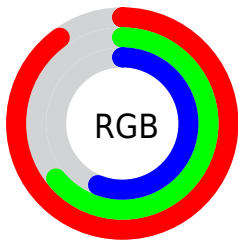
Format	Color
R _Y B	230, 169, 143
Decimal	15115151
CIE Lab	73.00, 22.31, 20.29
CIE LCh	73, 30.159, 42.278
Yxy	45.1644, 0.3969, 0.3524
Android (android.graphics.Color)	4293305231 (0xFFE6A38F)
YUV	180.7530, -18.6122, 43.1896
Hunter-Lab	67.2044, 17.4869, 18.6920

Details

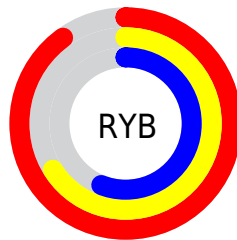
The CIELCh color **73, 30.159, 42.278** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **81, 23.134, 225.728**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 17.949, 57.216**, and **53, 29.817, 42.186** is the 20% darker color. If you saturate the color by 10%, you get **69, 39.730, 42.445**, and if you desaturate by 10%, it is **78, 21.274, 42.292**.

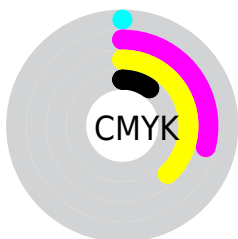
Distribution



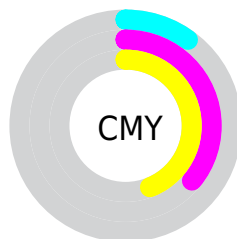
- Red (90%)
- Green (64%)
- Blue (56%)



- Red (90%)
- Yellow (66%)
- Blue (56%)



- Cyan (0%)
- Magenta (29%)
- Yellow (38%)
- Black (10%)



- Cyan (10%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 30.159, 42.278 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, 30.159, 42.278 by changing the saturation by 10% instead.

73, 30.159, 42.278

73, 30.159, 42.278

100, 30.159,
42.278

63, 30.159, 42.278

93, 30.159, 42.278

53, 30.159, 42.278

43, 30.159, 42.278

33, 30.159, 42.278

23, 30.159, 42.278

13, 30.159, 42.278

3, 30.159, 42.278

0, 30.159, 42.278

73, 30.159, 42.278

73, 30.159, 42.278

69, 39.730, 42.445

78, 21.274, 42.292

64, 49.948, 42.801

83, 13.066, 42.431

60, 60.663, 43.348

87, 5.492, 42.634

57, 71.514, 43.995

93, 1.503, 223.484

54, 81.669, 44.453

98, 7.511, 210.940

52, 89.573, 44.150

98, 8.416, 198.952

51, 91.126, 44.118

Harmonies

Complementary

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



73, 30.159, 42.278



81, 23.134, 225.728

Rectangle

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



73, 30.159, 42.278



73, 30.159, 92.278



73, 30.159, 222.278



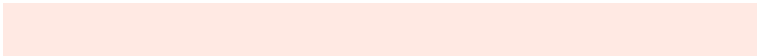
73, 30.159, 272.278

Sweetspot

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



73, 30.158, 42.284



94, 8.537, 42.570



70, 47.683, 333.646



49, 5.768, 42.541



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, 30.158, 42.284



76, 40.218, 42.386



83, 34.199, 90.117



46, 4.021, 42.603



40, 74.869, 44.566



9, 23.216, 35.246

Inverse Universe

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



81, 23.134, 225.728



86, 28.964, 226.708



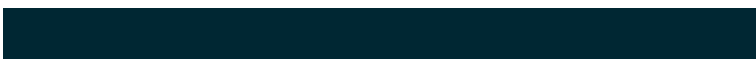
69, 34.748, 281.007



47, 3.797, 223.503



53, 34.299, 241.910



14, 14.070, 234.264

Previews

White Background



This preview shows how the CIELCh color 73, 30.159, 42.278 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 73, 30.159, 42.278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

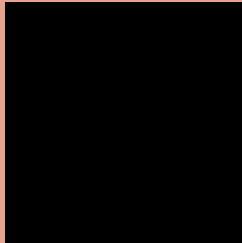
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 30.159, 42.278

Background



This preview shows how black text looks on a background with the CIELCh color 73, 30.159, 42.278.

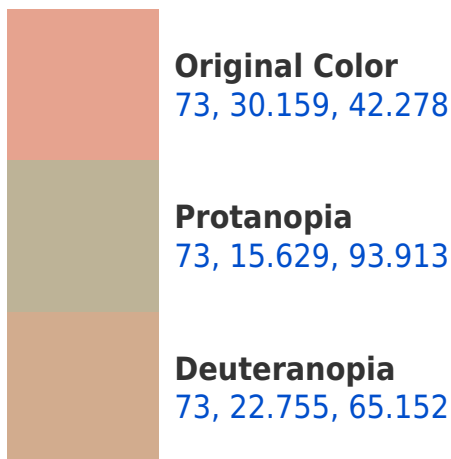


This preview shows how white text looks on a background with the CIELCh color 73, 30.159, 42.278.

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, 29.557, 9.749

Trichromacy



Original Color
73, 30.159, 42.278

Protanomaly
73, 18.600, 66.277

Deuteranomaly
73, 24.934, 56.069

Tritanomaly
73, 28.428, 22.004

Monochromacy



Original Color
73, 30.159, 42.278

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 10.320, 44.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 30.159, 42.278 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(230, 163, 143)` looks like.

```
.text, #text, p{  
    color:rgb(230, 163, 143)  
}
```

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(230, 163, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 163, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 30.159, 42.278 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(230, 163, 143) }
```

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

```
.border{ border-color:rgb(230, 163, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 163, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 163, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 163, 143);  
box-shadow:4px 4px 4px 4px rgb(230, 163,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 30.159, 42.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 163, 143) }
```

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

```
.background{ background-color: rgb(230,  
163, 143) }
```

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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