

Converting Colors

CIELCh(73, 29.226, 57.855)

Have a look what the booklet for
CIELCh(73, 29.226, 57.855) contains.

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Color

CIELCh(73, 29.249, 57.790)

Conversions

Conversions Part 1

Format	Color
Hex	DEA887
RGB	222, 168, 135
RGB Percent	87%, 66%, 53%
CMY	0.1303, 0.3420, 0.4714
CMYK	0.00, 0.24, 0.39, 0.13
HSL	23°, 57%, 70%
HSV	23°, 39%, 87%
XYZ	48.3767, 45.1644, 29.0143
YIQ	180.3840, 42.7770, 1.1850

Conversions

Conversions Part 2

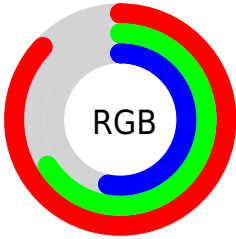
Format	Color
R _Y B	222, 188, 135
Decimal	14592135
CIE Lab	73.00, 15.59, 24.75
CIE LCh	73, 29.249, 57.790
Yxy	45.1644, 0.3947, 0.3685
Android (android.graphics.Color)	4292782215 (0xFFDEA887)
YUV	180.3840, -22.3743, 36.4972
Hunter-Lab	67.2044, 10.8843, 21.4457

Details

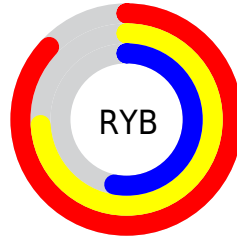
The CIELCh color **73, 29.249, 57.790** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **74, 23.964, 247.144**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 22.034, 74.437**, and **53, 29.222, 57.966** is the 20% darker color. If you saturate the color by 10%, you get **69, 37.973, 57.002**, and if you desaturate by 10%, it is **77, 21.055, 58.645**.

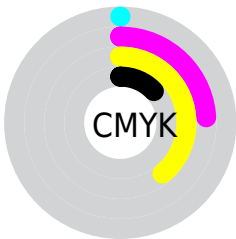
Distribution



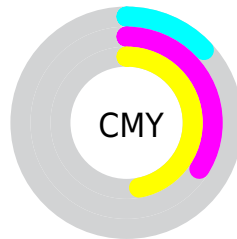
- Red (87%)
- Green (66%)
- Blue (53%)



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



- Cyan (0%)
- Magenta (24%)
- Yellow (39%)
- Black (13%)



- Cyan (13%)
- Magenta (34%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 29.249, 57.790 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, 29.249, 57.790 by changing the saturation by 10% instead.

73, 29.249, 57.790

73, 29.249, 57.790

100, 29.249,
57.790

63, 29.249, 57.790

93, 29.249, 57.790

53, 29.249, 57.790

43, 29.249, 57.790

33, 29.249, 57.790

23, 29.249, 57.790

13, 29.249, 57.790

3, 29.249, 57.790

0, 29.249, 57.790

73, 29.249, 57.790

73, 29.249, 57.790

69, 37.973, 57.002

77, 21.055, 58.645

66, 47.182, 56.258

81, 13.387, 59.534

62, 56.711, 55.523

85, 6.211, 60.429

59, 66.165, 54.677

89, 0.517, 242.421

57, 74.705, 53.435

93, 6.846, 242.499

54, 81.287, 51.487

97, 9.892, 212.773

54, 81.788, 51.355

98, 11.227,
198.756

Harmonies

Complementary

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



73, 29.249, 57.790



74, 23.964, 247.144

Rectangle

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



73, 29.249, 57.790



73, 29.249, 107.790



73, 29.249, 237.790



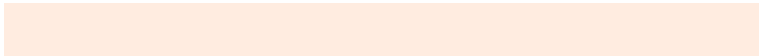
73, 29.249, 287.790

Sweetspot

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



73, 29.248, 57.796



95, 9.142, 60.176



67, 43.363, 340.349



50, 6.091, 60.058



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, 29.248, 57.796



80, 40.360, 57.145



84, 39.352, 99.789



44, 3.793, 60.411



42, 67.681, 51.991



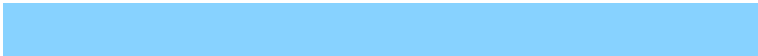
9, 18.863, 46.377

Inverse Universe

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



74, 23.964, 247.144



81, 31.495, 249.029



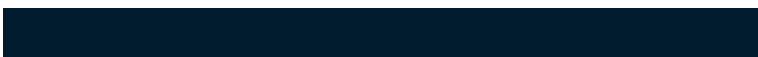
63, 42.237, 289.867



44, 3.643, 242.460



44, 42.200, 269.141



9, 15.035, 258.440

Previews

White Background



This preview shows how the CIELCh color 73, 29.249, 57.790 looks on a white background.

Color Contrast Check

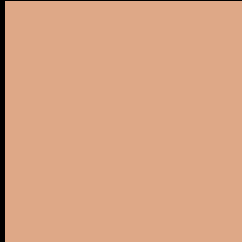
Large Text (above 18pt) WCAG AA × Fail

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, 29.249, 57.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

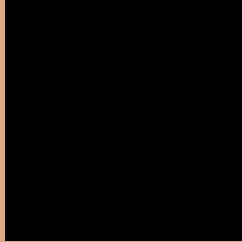
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 29.249, 57.790

Background



This preview shows how black text looks on a background with the CIELCh color 73, 29.249, 57.790.




This preview shows how white text looks on a background with the CIELCh color 73, 29.249, 57.790.

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



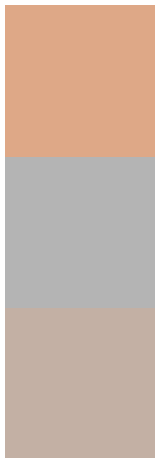
Original Color
73, 29.249, 57.790

Protanomaly
73, 22.996, 79.244

Deuteranomaly
73, 27.736, 64.304

Tritanomaly
73, 24.178, 26.579

Monochromacy



Original Color
73, 29.249, 57.790

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 9.873, 60.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 29.249, 57.790 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(222, 168, 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(222, 168, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 168, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 29.249, 57.790 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, 135) }
```

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

```
.border{ border-color:rgb(222, 168, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 168, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 168, 135);  
box-shadow:4px 4px 4px 4px rgb(222, 168,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 29.249, 57.790 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, 135) }
```

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

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