

Converting Colors

CIELCh(73, 32.437, 78.634)

Have a look what the booklet for
CIELCh(73, 32.437, 78.634) contains.

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Color

CIELCh(73, 32.418, 78.338)

Conversions

Conversions Part 1

Format	Color
Hex	D2AD79
RGB	210, 173, 121
RGB Percent	82%, 68%, 47%
CMY	0.1750, 0.3202, 0.5242
CMYK	0.00, 0.18, 0.42, 0.18
HSL	35°, 50%, 65%
HSV	35°, 42%, 82%
XYZ	45.1650, 45.1644, 24.5322
YIQ	178.1350, 38.7440, -8.3280

Conversions

Conversions Part 2

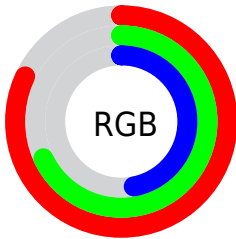
Format	Color
RYB	184, 210, 121
Decimal	13806969
CIELab	73.00, 6.55, 31.75
CIELCh	73, 32.418, 78.338
Yxy	45.1644, 0.3932, 0.3932
Android (android.graphics.Color)	4291997049 (0xFFD2AD79)
YUV	178.1350, -28.1676, 27.9456
Hunter-Lab	67.2044, 2.3538, 25.4000

Details

The CIELCh color **73, 32.418, 78.338** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **64, 30.571, 271.464**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 29.816, 86.980**, and **53, 32.761, 78.530** is the 20% darker color. If you saturate the color by 10%, you get **70, 40.615, 76.925**, and if you desaturate by 10%, it is **76, 24.379, 79.721**.

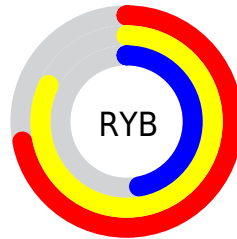
Distribution



Red (82%)

Green (68%)

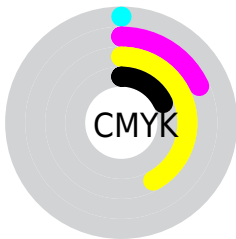
Blue (47%)



Red (72%)

Yellow (82%)

Blue (47%)

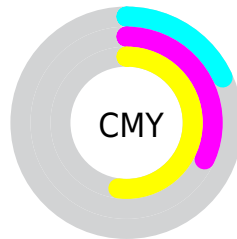


Cyan (0%)

Magenta (18%)

Yellow (42%)

Black (18%)



Cyan (18%)

Magenta (32%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 32.418, 78.338 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, 32.418, 78.338 by changing the saturation by 10% instead.

 73, 32.418, 78.338

 73, 32.418, 78.338

 100, 32.418,
78.338

 63, 32.418, 78.338

 93, 32.418, 78.338

 53, 32.418, 78.338

 43, 32.418, 78.338

 33, 32.418, 78.338

 23, 32.418, 78.338

 13, 32.418, 78.338

 3, 32.418, 78.338

 0, 32.418, 78.338

 73, 32.418, 78.338

 73, 32.418, 78.338

70, 40.615, 76.925

76, 24.379, 79.721

68, 48.819, 75.444

78, 16.564, 81.063

66, 56.722, 73.846

81, 8.992, 82.360

63, 63.762, 72.009

84, 1.662, 83.480

61, 69.076, 69.712

86, 5.439, 264.957

60, 71.873, 67.617

89, 12.331,
266.109

92, 13.106,
253.103

94, 12.365,
228.047

96, 13.942,
204.803

Harmonies

Complementary

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



73, 32.418, 78.338



64, 30.571, 271.464

Rectangle

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



73, 32.418, 78.338



73, 32.418, 128.338



73, 32.418, 258.338



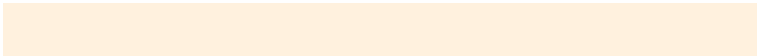
73, 32.418, 308.338

Sweetspot

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



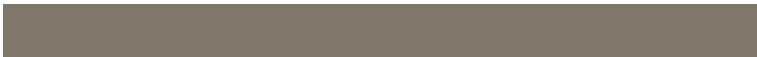
73, 32.418, 78.343



96, 11.103, 82.256



62, 39.561, 353.149



50, 7.798, 81.970



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, 32.418, 78.343



84, 46.234, 77.034



82, 45.892, 109.937



43, 4.099, 82.725



48, 60.796, 68.206



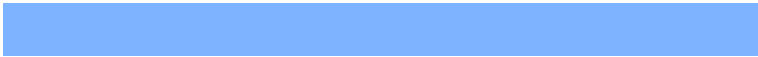
10, 15.989, 69.051

Inverse Universe

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



64, 30.571, 271.464



72, 43.121, 273.893



55, 51.193, 298.354



42, 4.058, 265.260



32, 61.764, 290.983



5, 18.027, 278.605

Previews

White Background



This preview shows how the CIELCh color 73, 32.418, 78.338 looks on a white background.

Color Contrast Check

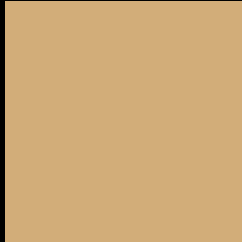
Large Text (above 18pt) WCAG AA × Fail

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, 32.418, 78.338 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, 32.418, 78.338

Background



This preview shows how black text looks on a background with the CIELCh color 73, 32.418, 78.338.



This preview shows how white text looks on a background with the CIELCh color 73, 32.418, 78.338.

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, 20.367, 1.224

Trichromacy



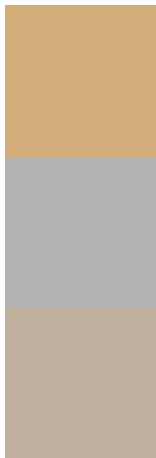
Original Color
73, 32.418, 78.338

Protanomaly
73, 30.677, 88.892

Deuteranomaly
73, 32.458, 74.982

Tritanomaly
73, 19.085, 38.817

Monochromacy



Original Color
73, 32.418, 78.338

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 11.683, 80.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 32.418, 78.338 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(210, 173, 121)` looks like.

```
.text, #text, p{  
    color:rgb(210, 173, 121)  
}
```

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(210, 173, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 173, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 32.418, 78.338 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(210, 173, 121) }
```

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

```
.border{ border-color:rgb(210, 173, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 173, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 173, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 173, 121);  
box-shadow:4px 4px 4px 4px rgb(210, 173,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 32.418, 78.338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 173, 121) }
```

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

```
.background{ background-color: rgb(210,  
173, 121) }
```

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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