

Converting Colors

CIELCh(72, 33.317, 67.767)

Have a look what the booklet for
CIELCh(72, 33.317, 67.767) contains.

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Color

CIELCh(72, 33.317, 67.767)

Conversions

Conversions Part 1

Format	Color
Hex	D9A779
RGB	217, 167, 121
RGB Percent	85%, 65%, 47%
CMY	0.1499, 0.3459, 0.5262
CMYK	0.00, 0.23, 0.44, 0.15
HSL	29°, 56%, 66%
HSV	29°, 44%, 85%
XYZ	45.7730, 43.6590, 24.0424
YIQ	176.7060, 44.5660, -3.7060

Conversions

Conversions Part 2

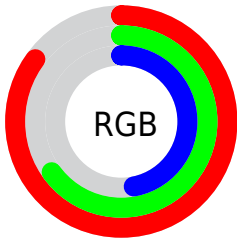
Format	Color
R _Y B	217, 209, 121
Decimal	14264185
CIE Lab	72.00, 12.61, 30.84
CIE LCh	72, 33.317, 67.767
Yxy	43.6590, 0.4034, 0.3847
Android (android.graphics.Color)	4292454265 (0xFFD9A779)
YUV	176.7060, -27.4631, 35.3378
Hunter-Lab	66.0750, 8.0235, 24.6789

Details

The CIELCh color **72, 33.317, 67.767** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **68, 28.811, 261.021**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 28.158, 80.525**, and **52, 33.133, 67.530** is the 20% darker color. If you saturate the color by 10%, you get **69, 41.832, 66.549**, and if you desaturate by 10%, it is **75, 25.144, 68.988**.

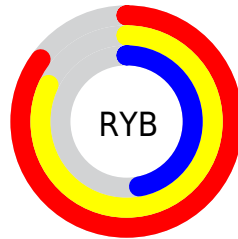
Distribution



Red (85%)

Green (65%)

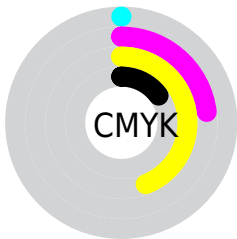
Blue (47%)



Red (85%)

Yellow (82%)

Blue (47%)

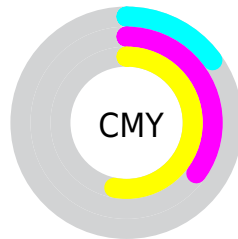


Cyan (0%)

Magenta (23%)

Yellow (44%)

Black (15%)



Cyan (15%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 33.317, 67.767 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 72, 33.317, 67.767 by changing the saturation by 10% instead.

72, 33.317, 67.767

72, 33.317, 67.767

100, 33.317,
67.767

62, 33.317, 67.767

92, 33.317, 67.767

52, 33.317, 67.767

42, 33.317, 67.767

32, 33.317, 67.767

22, 33.317, 67.767

12, 33.317, 67.767

2, 33.317, 67.767

0, 33.317, 67.767

72, 33.317, 67.767

72, 33.317, 67.767

69, 41.832, 66.549

75, 25.144, 68.988

66, 50.563, 65.290

78, 17.355, 70.199

63, 59.212, 63.920

82, 9.948, 71.394

60, 67.173, 62.263

85, 2.901, 72.493

58, 73.435, 59.994

89, 3.818, 253.918

57, 76.274, 58.483

92, 10.243,
254.999

95, 10.719,
225.059

97, 12.840,
198.648

Harmonies

Complementary

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



72, 33.317, 67.767



68, 28.811, 261.021

Rectangle

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



72, 33.317, 67.767



72, 33.317, 117.767



72, 33.317, 247.767



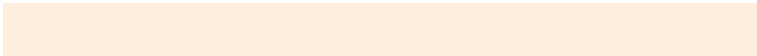
72, 33.317, 297.767

Sweetspot

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



72, 33.317, 67.772



95, 10.308, 71.529



63, 44.989, 346.245



50, 7.253, 71.267



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72, 33.317, 67.772



80, 46.521, 66.646



84, 47.520, 104.427



44, 3.946, 71.954



46, 64.342, 59.106



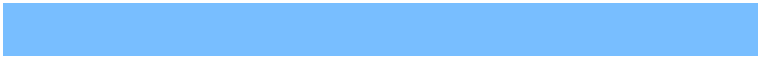
10, 18.363, 57.388

Inverse Universe

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



68, 28.811, 261.021



75, 38.925, 263.584



56, 53.097, 295.129



44, 3.848, 254.407



39, 51.639, 281.721



8, 17.533, 271.602

Previews

White Background



This preview shows how the CIELCh color 72, 33.317, 67.767 looks on a white background.

Color Contrast Check

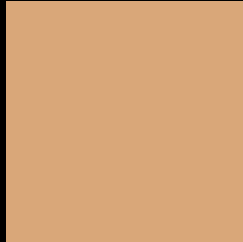
Large Text (above 18pt) WCAG AA × Fail

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 72, 33.317, 67.767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

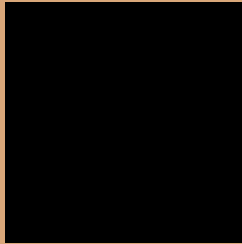
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 33.317, 67.767

Background



This preview shows how black text looks on a background with the CIELCh color 72, 33.317, 67.767.



This preview shows how white text looks on a background with the CIELCh color 72, 33.317, 67.767.

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



Original Color


72, 33.317, 67.767

Protanopia

72, 28.592, 95.591

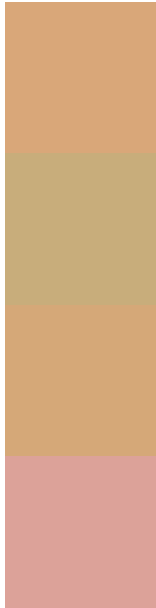
Deuteranopia

72, 32.367, 73.861



Tritanopia
72, 24.899, 6.794

Trichromacy



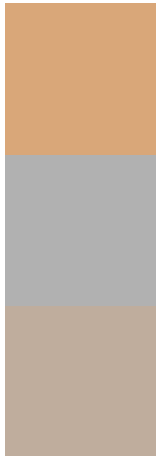
Original Color
72, 33.317, 67.767

Protanomaly
72, 29.437, 84.683

Deuteranomaly
72, 32.742, 71.581

Tritanomaly
72, 24.131, 32.936

Monochromacy



Original Color
72, 33.317, 67.767

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 11.242, 70.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 33.317, 67.767 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(217, 167, 121)` looks like.

```
.text, #text, p{  
    color:rgb(217, 167, 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(217, 167, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 167, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 33.317, 67.767 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(217, 167, 121) }
```

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

```
.border{ border-color:rgb(217, 167, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 167, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 167, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 167, 121);  
box-shadow:4px 4px 4px 4px rgb(217, 167,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 33.317, 67.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 167, 121) }
```

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

```
.background{ background-color: rgb(217,  
167, 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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