

Converting Colors

CIELCh(72, 29.301, 63.595)

Have a look what the booklet for
CIELCh(72, 29.301, 63.595) contains.

CIELCh(72, 29.302, 64.383)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(72, 29.302, 64.383)

Conversions

Conversions Part 1

Format	Color
Hex	D7A781
RGB	215, 167, 129
RGB Percent	84%, 65%, 51%
CMY	0.1569, 0.3452, 0.4942
CMYK	0.00, 0.22, 0.40, 0.16
HSL	27°, 52%, 67%
HSV	27°, 40%, 84%
XYZ	45.7949, 43.6590, 26.7762
YIQ	177.0200, 40.8060, -1.6420

Conversions

Conversions Part 2

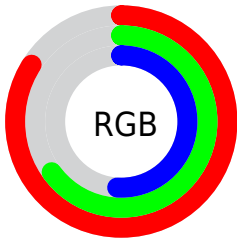
Format	Color
R_{YB}	215, 197, 129
Decimal	14133121
CIE Lab	72.00, 12.67, 26.42
CIE LCh	72, 29.302, 64.383
Yxy	43.6590, 0.3940, 0.3756
Android (android.graphics.Color)	4292323201 (0xFFD7A781)
YUV	177.0200, -23.6739, 33.3085
Hunter-Lab	66.0750, 8.0827, 22.2259

Details

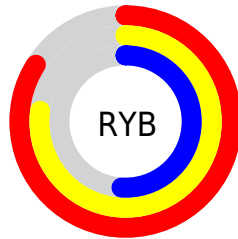
The CIELCh color **72, 29.302, 64.383** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **70, 25.025, 255.465**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 24.498, 76.690**, and **52, 29.288, 64.824** is the 20% darker color. If you saturate the color by 10%, you get **69, 37.682, 63.303**, and if you desaturate by 10%, it is **75, 21.347, 65.489**.

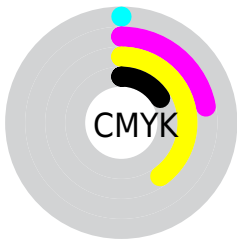
Distribution



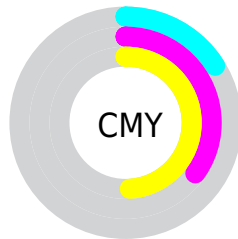
- Red (84%)
- Green (65%)
- Blue (51%)



- Red (84%)
- Yellow (77%)
- Blue (51%)



- Cyan (0%)
- Magenta (22%)
- Yellow (40%)
- Black (16%)



- Cyan (16%)
- Magenta (35%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 29.302, 64.383 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, 29.302, 64.383 by changing the saturation by 10% instead.

 72, 29.302, 64.383

 72, 29.302, 64.383

 100, 29.302,
64.383

 62, 29.302, 64.383

 92, 29.302, 64.383

 52, 29.302, 64.383

 42, 29.302, 64.383

 32, 29.302, 64.383

 22, 29.302, 64.383

 12, 29.302, 64.383

 2, 29.302, 64.383

 0, 29.302, 64.383

 72, 29.302, 64.383

 72, 29.302, 64.383

69, 37.682, 63.303

75, 21.347, 65.489

66, 46.420, 62.221

79, 13.827, 66.599

63, 55.323, 61.091

82, 6.720, 67.692

60, 63.960, 59.787

86, 0.010, 301.981

57, 71.494, 58.035

90, 6.390, 250.055

55, 77.189, 55.656

93, 11.371,
245.881

96, 12.186,
208.503

97, 13.419,
198.610

Harmonies

Complementary

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



72, 29.302, 64.383



70, 25.025, 255.465

Rectangle

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



72, 29.302, 64.383



72, 29.302, 114.383



72, 29.302, 244.383



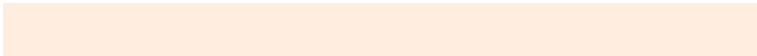
72, 29.302, 294.383

Sweetspot

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



72, 29.302, 64.389



95, 9.316, 67.466



64, 41.332, 343.866



50, 6.203, 67.322



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, 29.302, 64.389



81, 41.371, 63.469



83, 41.577, 103.243



43, 3.796, 67.754



44, 64.752, 56.298



9, 17.156, 52.394

Inverse Universe

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



70, 25.025, 255.465



78, 34.008, 257.597



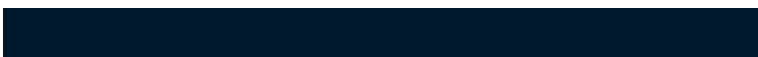
59, 45.479, 292.977



43, 3.681, 250.090



40, 47.293, 277.445



8, 15.778, 266.485

Previews

White Background



This preview shows how the CIELCh color 72, 29.302, 64.383 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, 29.302, 64.383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

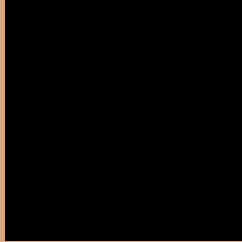
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 29.302, 64.383

Background



This preview shows how black text looks on a background with the CIELCh color 72, 29.302, 64.383.



This preview shows how white text looks on a background with the CIELCh color 72, 29.302, 64.383.

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, 29.302, 64.383

Protanopia

72, 24.242, 96.054

Deuteranopia

72, 27.746, 70.651



Tritanopia
72, 23.348, 5.587

Trichromacy



Original Color
72, 29.302, 64.383

Protanomaly
72, 24.606, 82.963

Deuteranomaly
72, 28.185, 68.059

Tritanomaly
72, 22.408, 29.567

Monochromacy



Original Color
72, 29.302, 64.383

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 9.999, 64.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 29.302, 64.383 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(215, 167, 129)` looks like.

```
.text, #text, p{  
    color:rgb(215, 167, 129)  
}
```

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(215, 167, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 167, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 29.302, 64.383 is called "border". The border property can be set on classes, ids or directly on the HTML element.

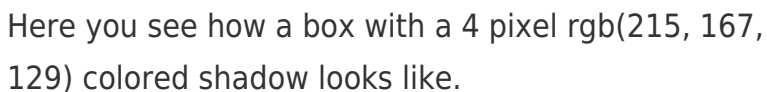
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 167, 129) }
```

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

```
.border{ border-color:rgb(215, 167, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 167, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 167, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 167, 129); box-shadow:4px 4px 4px 4px rgb(215, 167, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 29.302, 64.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 167, 129) }
```

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

```
.background{ background-color: rgb(215,  
167, 129) }
```

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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