

Converting Colors

CIELCh(72, 40.407, 73.381)

Have a look what the booklet for
CIELCh(72, 40.407, 73.381) contains.

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Color

CIELCh(72, 40.293, 73.317)

Conversions

Conversions Part 1

Format	Color
Hex	DAA76A
RGB	218, 167, 106
RGB Percent	85%, 65%, 42%
CMY	0.1445, 0.3445, 0.5838
CMYK	0.00, 0.23, 0.51, 0.14
HSL	33°, 60%, 64%
HSV	33°, 51%, 86%
XYZ	45.4099, 43.6590, 19.7047
YIQ	175.2950, 49.9770, -8.1590

Conversions

Conversions Part 2

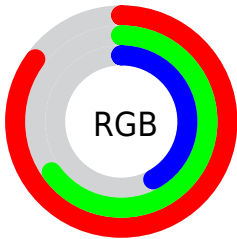
Format	Color
RYB	200, 218, 106
Decimal	14329706
CIELab	72.00, 11.57, 38.60
CIELCh	72, 40.293, 73.317
Yxy	43.6590, 0.4175, 0.4014
Android (android.graphics.Color)	4292519786 (0xFFDAA76A)
YUV	175.2950, -34.1624, 37.4523
Hunter-Lab	66.0750, 7.0425, 28.5711

Details

The CIELCh color $72, 40.293, 73.317$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $64, 36.243, 270.068$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 35.712, 85.547$, and $52, 40.088, 73.375$ is the 20% darker color. If you saturate the color by 10%, you get $69, 48.829, 71.897$, and if you desaturate by 10%, it is $75, 31.876, 74.695$.

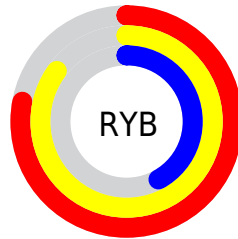
Distribution



Red (85%)

Green (65%)

Blue (42%)



Red (78%)

Yellow (85%)

Blue (42%)

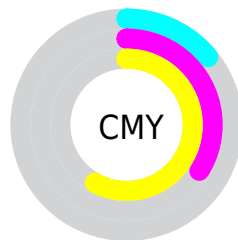


Cyan (0%)

Magenta (23%)

Yellow (51%)

Black (14%)



Cyan (14%)

Magenta (34%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 40.293, 73.317 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, 40.293, 73.317 by changing the saturation by 10% instead.

 72, 40.293, 73.317

 72, 40.293, 73.317

 100, 40.293,
73.317

 62, 40.293, 73.317

 92, 40.293, 73.317

 52, 40.293, 73.317

 42, 40.293, 73.317

 32, 40.293, 73.317

 22, 40.293, 73.317

 12, 40.293, 73.317

 2, 40.293, 73.317

 0, 40.293, 73.317

 72, 40.293, 73.317

 72, 40.293, 73.317

69, 48.829, 71.897

75, 31.876, 74.695

67, 57.208, 70.366

78, 23.704, 76.037

64, 64.894, 68.601

81, 15.825, 77.352

62, 71.000, 66.361

84, 8.246, 78.625

60, 74.671, 63.959

87, 0.954, 79.557

90, 6.072, 261.210

93, 11.192,
257.142

95, 10.395,
223.469

97, 12.401,
198.677

Harmonies

Complementary

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



72, 40.293, 73.317



64, 36.243, 270.068

Rectangle

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



72, 40.293, 73.317



72, 40.293, 123.317



72, 40.293, 253.317



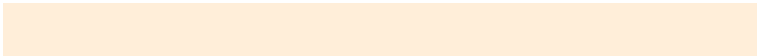
72, 40.293, 303.317

Sweetspot

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



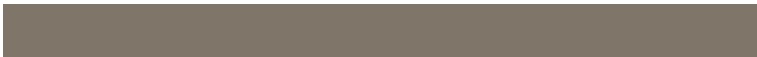
72, 40.293, 73.322



95, 12.464, 78.150



60, 50.183, 351.354



50, 8.540, 77.879



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, 40.293, 73.322



80, 56.083, 71.721



85, 56.422, 106.901



45, 4.126, 78.860



48, 62.778, 64.578



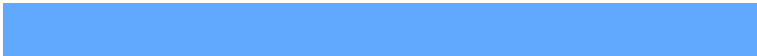
11, 18.444, 64.983

Inverse Universe

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



64, 36.243, 270.068



68, 49.525, 273.571



50, 65.139, 298.584



44, 4.063, 261.405



35, 58.766, 287.934



7, 19.382, 277.832

Previews

White Background



This preview shows how the CIELCh color 72, 40.293, 73.317 looks on a white background.

Color Contrast Check

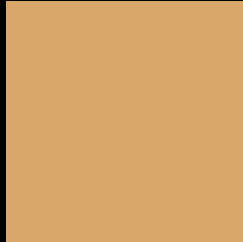
Large Text (above 18pt) WCAG AA × Fail

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, 40.293, 73.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

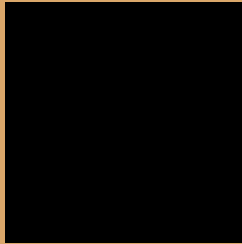
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 40.293, 73.317

Background



This preview shows how black text looks on a background with the CIELCh color 72, 40.293, 73.317.



This preview shows how white text looks on a background with the CIELCh color 72, 40.293, 73.317.

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, 40.293, 73.317

Protanopia

72, 36.479, 95.806

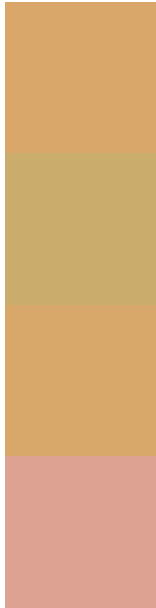
Deuteranopia

72, 39.617, 77.100



Tritanopia
72, 26.078, 7.627

Trichromacy



Original Color
72, 40.293, 73.317

Protanomaly
72, 36.731, 86.825

Deuteranomaly
72, 39.931, 75.191

Tritanomaly
72, 26.160, 39.283

Monochromacy



Original Color
72, 40.293, 73.317

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 14.203, 76.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 40.293, 73.317 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(218, 167, 106)` looks like.

```
.text, #text, p{  
    color:rgb(218, 167, 106)  
}
```

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(218, 167, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 167, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 40.293, 73.317 is called "border". The border property can be set on classes, ids or directly on the HTML element.

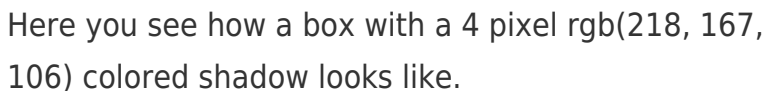
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 167, 106) }
```

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

```
.border{ border-color:rgb(218, 167, 106) }
```

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



Here you see how a box with a 4 pixel rgb(218, 167, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 167, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 167, 106);  
box-shadow:4px 4px 4px 4px rgb(218, 167,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 40.293, 73.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 167, 106) }
```

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

```
.background{ background-color: rgb(218,  
167, 106) }
```

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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