

Converting Colors

CIELCh(72, 20.710, 64.852)

Have a look what the booklet for
CIELCh(72, 20.710, 64.852) contains.

CIELCh(72, 20.678, 64.771)	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, 20.678, 64.771)

Conversions

Conversions Part 1

Format	Color
Hex	CDAA8F
RGB	205, 170, 143
RGB Percent	80%, 67%, 56%
CMY	0.1965, 0.3337, 0.4396
CMYK	0.00, 0.17, 0.30, 0.20
HSL	26°, 38%, 68%
HSV	26°, 30%, 80%
XYZ	44.4570, 43.6590, 32.0337
YIQ	177.3870, 29.5270, -0.9770

Conversions

Conversions Part 2

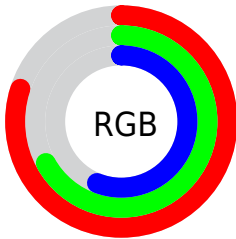
Format	Color
RYB	205, 191, 143
Decimal	13478543
CIELab	72.00, 8.81, 18.71
CIElCh	72, 20.678, 64.771
Yxy	43.6590, 0.3700, 0.3634
Android (android.graphics.Color)	4291668623 (0xFFCDAA8F)
YUV	177.3870, -16.9528, 24.2166
Hunter-Lab	66.0750, 4.4683, 17.5082

Details

The CIELCh color $72, 20.678, 64.771$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $71, 18.376, 252.594$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 18.522, 70.734$, and $52, 20.569, 64.362$ is the 20% darker color. If you saturate the color by 10%, you get $69, 28.338, 63.704$, and if you desaturate by 10%, it is $75, 13.443, 65.866$.

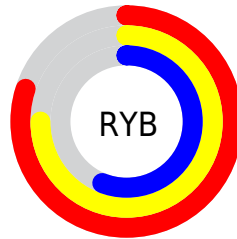
Distribution



Red (80%)

Green (67%)

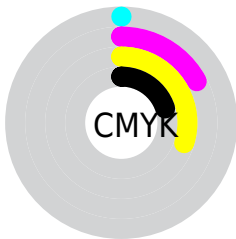
Blue (56%)



Red (80%)

Yellow (75%)

Blue (56%)

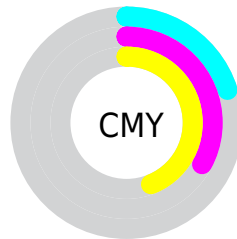


Cyan (0%)

Magenta (17%)

Yellow (30%)

Black (20%)



Cyan (20%)

Magenta (33%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 20.678, 64.771 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, 20.678, 64.771 by changing the saturation by 10% instead.

 72, 20.678, 64.771

 72, 20.678, 64.771

 100, 20.678,
64.771

 62, 20.678, 64.771

 92, 20.678, 64.771

 52, 20.678, 64.771

 42, 20.678, 64.771

 32, 20.678, 64.771

 22, 20.678, 64.771

 12, 20.678, 64.771

 2, 20.678, 64.771

 0, 20.678, 64.771

 72, 20.678, 64.771

 72, 20.678, 64.771

69, 28.338, 63.704

75, 13.443, 65.866

66, 36.415, 62.648

79, 6.613, 66.940

62, 44.844, 61.598

82, 0.153, 65.335

60, 53.445, 60.506

86, 5.972, 249.274

57, 61.806, 59.244

89, 11.800,
250.311

54, 69.123, 57.538

93, 13.767,
235.080

52, 74.638, 55.317

96, 15.306,
206.508

97, 16.593,
198.404

Harmonies

Complementary

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



72, 20.678, 64.771



71, 18.376, 252.594

Rectangle

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



72, 20.678, 64.771



72, 20.678, 114.771



72, 20.678, 244.771



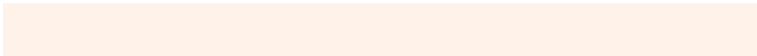
72, 20.678, 294.771

Sweetspot

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



72, 20.678, 64.779



96, 6.908, 67.058



66, 30.152, 342.817



51, 4.821, 66.905



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, 20.678, 64.779



85, 29.929, 64.110



80, 30.444, 104.259



41, 3.636, 67.029



42, 63.479, 55.930



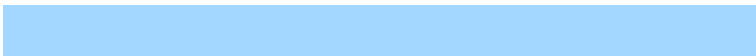
7, 14.483, 50.035

Inverse Universe

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



71, 18.376, 252.594



84, 25.869, 253.853



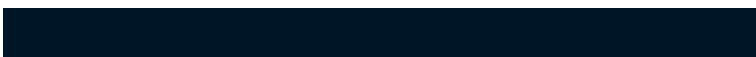
63, 32.427, 291.251



41, 3.523, 249.330



39, 45.558, 276.548



6, 13.963, 264.592

Previews

White Background



This preview shows how the CIELCh color 72, 20.678, 64.771 looks on a white background.

Color Contrast Check

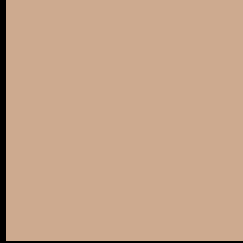
Large Text (above 18pt) WCAG AA × Fail

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, 20.678, 64.771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

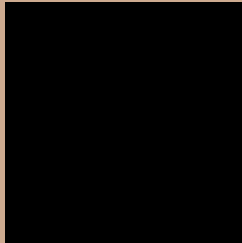
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 20.678, 64.771

Background



This preview shows how black text looks on a background with the CIELCh color 72, 20.678, 64.771.



This preview shows how white text looks on a background with the CIELCh color 72, 20.678, 64.771.

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, 20.678, 64.771

Protanopia

72, 16.831, 93.324

Deuteranopia

72, 20.678, 64.771



Tritanopia
72, 18.214, 358.426

Trichromacy



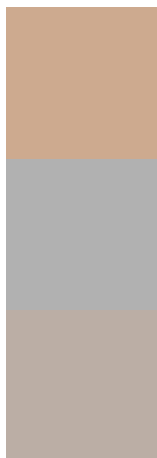
Original Color
72, 20.678, 64.771

Protanomaly
72, 17.728, 81.399

Deuteranomaly
72, 20.678, 64.771

Tritanomaly
72, 16.181, 24.599

Monochromacy



Original Color
72, 20.678, 64.771

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 7.006, 63.720

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 20.678, 64.771 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(205, 170, 143)` looks like.

```
.text, #text, p{  
    color:rgb(205, 170, 143)  
}
```

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(205, 170, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 170, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 20.678, 64.771 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(205, 170, 143) }
```

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

```
.border{ border-color:rgb(205, 170, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 170, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 170, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 170, 143);  
box-shadow:4px 4px 4px 4px rgb(205, 170,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 20.678, 64.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 170, 143) }
```

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

```
.background{ background-color: rgb(205,  
170, 143) }
```

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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