

Converting Colors

CIELCh(72, 14.605, 61.605)

Have a look what the booklet for
CIELCh(72, 14.605, 61.605) contains.

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Color

CIELCh(72, 14.644, 61.588)

Conversions

Conversions Part 1

Format	Color
Hex	C6AB99
RGB	198, 171, 153
RGB Percent	78%, 67%, 60%
CMY	0.2219, 0.3278, 0.3984
CMYK	0.00, 0.14, 0.23, 0.22
HSL	24°, 28%, 69%
HSV	24°, 23%, 78%
XYZ	43.8257, 43.6590, 36.4294
YIQ	177.0210, 21.8700, 0.1260

Conversions

Conversions Part 2

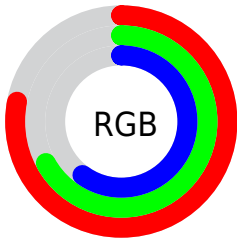
Format	Color
R _Y B	198, 183, 153
Decimal	13020057
CIE Lab	72.00, 6.97, 12.88
CIE LCh	72, 14.644, 61.588
Yxy	43.6590, 0.3537, 0.3523
Android (android.graphics.Color)	4291210137 (0xFFC6AB99)
YUV	177.0210, -11.8424, 18.3986
Hunter-Lab	66.0750, 2.7628, 13.5639

Details

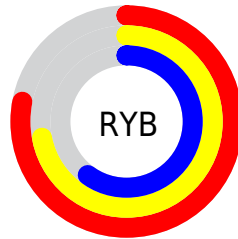
The CIELCh color $72, 14.644, 61.588$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $72, 13.267, 246.809$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 14.711, 61.459$, and $52, 14.775, 61.567$ is the 20% darker color. If you saturate the color by 10%, you get $69, 21.790, 60.641$, and if you desaturate by 10%, it is $76, 7.935, 62.567$.

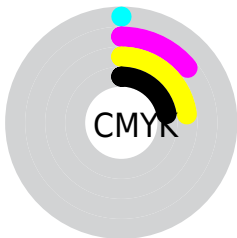
Distribution



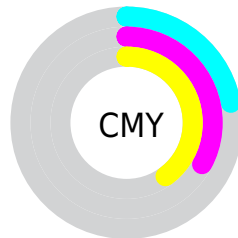
- Red (78%)
- Green (67%)
- Blue (60%)



- Red (78%)
- Yellow (72%)
- Blue (60%)



- Cyan (0%)
- Magenta (14%)
- Yellow (23%)
- Black (22%)



- Cyan (22%)
- Magenta (33%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 14.644, 61.588 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, 14.644, 61.588 by changing the saturation by 10% instead.

 72, 14.644, 61.588

 72, 14.644, 61.588

 100, 14.644,
61.588

 62, 14.644, 61.588

 92, 14.644, 61.588

 52, 14.644, 61.588

 42, 14.644, 61.588

 32, 14.644, 61.588

 22, 14.644, 61.588

 12, 14.644, 61.588

 2, 14.644, 61.588

 0, 14.644, 61.588

 72, 14.644, 61.588

 72, 14.644, 61.588

69, 21.790, 60.641

76, 7.935, 62.567

65, 29.395, 59.718

79, 1.627, 63.362

62, 37.448, 58.835

83, 4.318, 244.747

59, 45.877, 57.978

86, 9.942, 245.694

56, 54.480, 57.087

90, 15.283,
246.666

53, 62.797, 56.006

93, 15.676,
222.294

51, 69.932, 54.403

49, 74.213, 52.948

96, 18.493,
198.685

96, 18.580,
198.277

Harmonies

Complementary

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



72, 14.644, 61.588



72, 13.267, 246.809

Rectangle

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



72, 14.644, 61.588



72, 14.644, 111.588



72, 14.644, 241.588



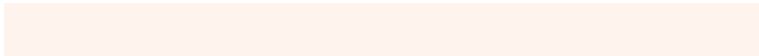
72, 14.644, 291.588

Sweetspot

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



72, 14.644, 61.598



97, 5.272, 63.085



68, 22.471, 340.419



51, 3.432, 63.031



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, 14.644, 61.598



88, 21.687, 61.144



78, 21.589, 103.416



40, 3.516, 62.880



41, 63.900, 53.511



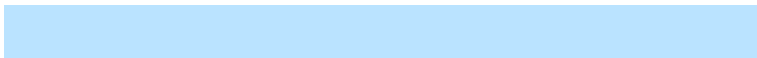
6, 13.119, 46.532

Inverse Universe

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



72, 13.267, 246.809



88, 19.197, 247.578



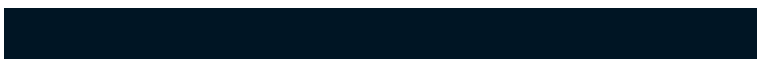
66, 22.492, 288.597



40, 3.389, 245.018



40, 41.886, 271.842



6, 12.485, 259.788

Previews

White Background



This preview shows how the CIELCh color 72, 14.644, 61.588 looks on a white background.

Color Contrast Check

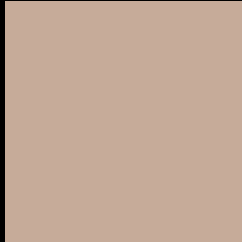
Large Text (above 18pt) WCAG AA × Fail

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, 14.644, 61.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

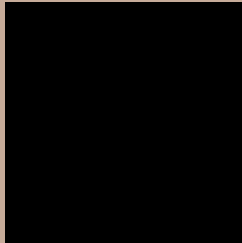
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 14.644, 61.588

Background



This preview shows how black text looks on a background with the CIELCh color 72, 14.644, 61.588.



This preview shows how white text looks on a background with the CIELCh color 72, 14.644, 61.588.

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, 14.644, 61.588

Protanopia

72, 11.395, 90.978

Deuteranopia

72, 15.578, 53.872



Tritanopia
72, 15.277, 351.031

Trichromacy



Original Color
72, 14.644, 61.588

Protanomaly
72, 12.114, 77.571

Deuteranomaly
72, 15.229, 57.148

Tritanomaly
72, 12.421, 15.489

Monochromacy



Original Color
72, 14.644, 61.588

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 5.387, 64.283

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 14.644, 61.588 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(198, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(198, 171, 153)  
}
```

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(198, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 171, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 14.644, 61.588 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(198, 171, 153) }
```

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

```
.border{ border-color:rgb(198, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(198, 171,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 14.644, 61.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 171, 153) }
```

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

```
.background{ background-color: rgb(198,  
171, 153) }
```

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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