

Converting Colors

CIELCh(72, 13.962, 26.171)

Have a look what the booklet for
CIELCh(72, 13.962, 26.171) contains.

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Color

CIELCh(72, 14.153, 24.962)

Conversions

Conversions Part 1

Format	Color
Hex	CCA8A6
RGB	204, 168, 166
RGB Percent	80%, 66%, 65%
CMY	0.1995, 0.3407, 0.3486
CMYK	0.00, 0.18, 0.19, 0.20
HSL	3°, 27%, 73%
HSV	3°, 19%, 80%
XYZ	45.8518, 43.6590, 42.1413
YIQ	178.5360, 22.0980, 7.0100

Conversions

Conversions Part 2

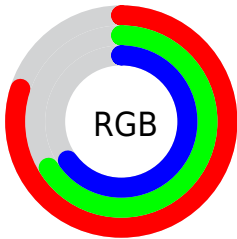
Format	Color
R _Y B	204, 168, 166
Decimal	13412518
CIE Lab	72.00, 12.83, 5.97
CIE LCh	72, 14.153, 24.962
Yxy	43.6590, 0.3483, 0.3316
Android (android.graphics.Color)	4291602598 (0xFFCCA8A6)
YUV	178.5360, -6.1802, 22.3319
Hunter-Lab	66.0750, 8.2363, 8.4385

Details

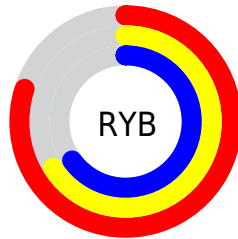
The CIELCh color $72, 14.153, 24.962$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 12.499, 203.468$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 11.824, 25.166$, and $52, 14.001, 25.660$ is the 20% darker color. If you saturate the color by 10%, you get $67, 22.642, 25.777$, and if you desaturate by 10%, it is $77, 6.291, 24.335$.

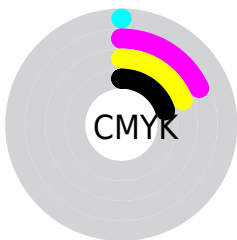
Distribution



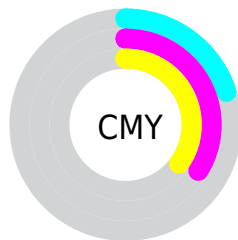
- Red (80%)
- Green (66%)
- Blue (65%)



- Red (80%)
- Yellow (66%)
- Blue (65%)



- Cyan (0%)
- Magenta (18%)
- Yellow (19%)
- Black (20%)



- Cyan (20%)
- Magenta (34%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 14.153, 24.962 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, 14.153, 24.962 by changing the saturation by 10% instead.

 72, 14.153, 24.962

 72, 14.153, 24.962

 100, 14.153,
24.962

 62, 14.153, 24.962

 92, 14.153, 24.962

 52, 14.153, 24.962

 42, 14.153, 24.962

 32, 14.153, 24.962

 22, 14.153, 24.962

 12, 14.153, 24.962

 2, 14.153, 24.962

 0, 14.153, 24.962

 72, 14.153, 24.962

 72, 14.153, 24.962

67, 22.642, 25.777

77, 6.291, 24.335

62, 31.751, 26.846

83, 0.967, 204.577

57, 41.413, 28.262

88, 7.670, 203.752

53, 51.477, 30.110

94, 13.873,
203.492

49, 61.690, 32.444

97, 16.835,
198.388

46, 71.640, 35.203

44, 80.525, 38.007

43, 86.936, 40.137

43, 87.728, 40.491

Harmonies

Complementary

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



72, 14.153, 24.962



79, 12.499, 203.468

Rectangle

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



72, 14.153, 24.962



72, 14.153, 74.962



72, 14.153, 204.962



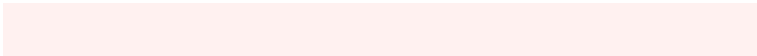
72, 14.153, 254.962

Sweetspot

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



72, 14.151, 24.971



96, 5.192, 24.174



73, 24.021, 326.840



51, 3.453, 24.218



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, 14.151, 24.971



86, 20.330, 25.241



77, 13.053, 78.246



40, 4.151, 24.382



35, 74.834, 40.504



4, 17.359, 22.090

Inverse Universe

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



79, 12.499, 203.468



96, 17.480, 203.367



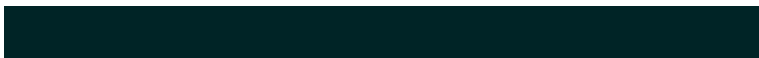
74, 12.622, 263.331



42, 3.908, 203.789



59, 33.872, 205.098



12, 12.775, 203.188

Previews

White Background



This preview shows how the CIELCh color 72, 14.153, 24.962 looks on a white background.

Color Contrast Check

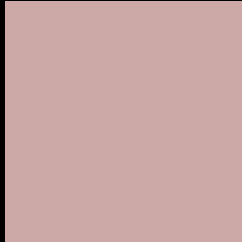
Large Text (above 18pt) WCAG AA × Fail

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, 14.153, 24.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

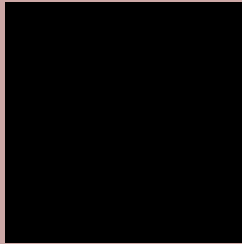
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 14.153, 24.962

Background



This preview shows how black text looks on a background with the CIELCh color 72, 14.153, 24.962.



This preview shows how white text looks on a background with the CIELCh color 72, 14.153, 24.962.

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, 14.153, 24.962

Protanopia

72, 3.754, 79.345

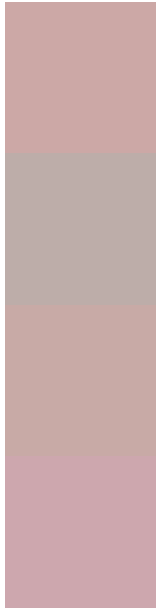
Deuteranopia

72, 10.890, 34.568



Tritanopia
72, 16.778, 356.183

Trichromacy



Original Color
72, 14.153, 24.962

Protanomaly
72, 6.523, 39.206

Deuteranomaly
72, 11.933, 30.762

Tritanomaly
72, 15.104, 6.278

Monochromacy



Original Color
72, 14.153, 24.962

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 4.972, 25.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 14.153, 24.962 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(204, 168, 166)` looks like.

```
.text, #text, p{  
    color:rgb(204, 168, 166)  
}
```

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(204, 168, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 168, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 14.153, 24.962 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(204, 168, 166) }
```

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

```
.border{ border-color:rgb(204, 168, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 168, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 168, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 168, 166);  
box-shadow:4px 4px 4px 4px rgb(204, 168,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 14.153, 24.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 168, 166) }
```

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

```
.background{ background-color: rgb(204,  
168, 166) }
```

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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