

Converting Colors

CIELCh(72, 14.239, 27.105)

Have a look what the booklet for
CIELCh(72, 14.239, 27.105) contains.

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Color

CIELCh(72, 14.239, 27.105)

Conversions

Conversions Part 1

Format	Color
Hex	CCA8A5
RGB	204, 168, 165
RGB Percent	80%, 66%, 65%
CMY	0.1993, 0.3404, 0.3522
CMYK	0.00, 0.18, 0.19, 0.20
HSL	5°, 28%, 72%
HSV	5°, 19%, 80%
XYZ	45.7972, 43.6590, 41.6963
YIQ	178.4220, 22.4190, 6.6990

Conversions

Conversions Part 2

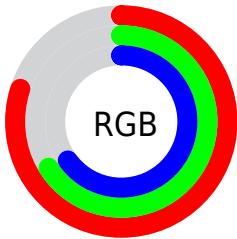
Format	Color
R _Y B	204, 168, 165
Decimal	13412517
CIE Lab	72.00, 12.68, 6.49
CIE LCh	72, 14.239, 27.105
Yxy	43.6590, 0.3492, 0.3329
Android (android.graphics.Color)	4291602597 (0xFFCCA8A5)
YUV	178.4220, -6.6170, 22.4319
Hunter-Lab	66.0750, 8.0887, 8.8378

Details

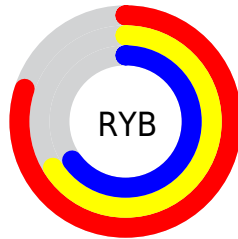
The CIELCh color $72, 14.239, 27.105$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 12.520, 205.944$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 11.901, 27.617$, and $52, 14.110, 27.952$ is the 20% darker color. If you saturate the color by 10%, you get $67, 22.592, 27.815$, and if you desaturate by 10%, it is $77, 6.512, 26.575$.

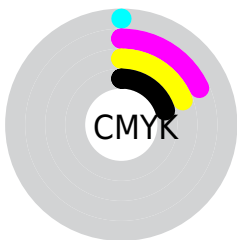
Distribution



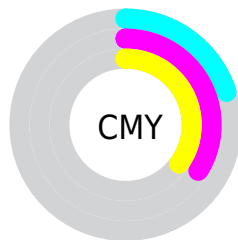
- Red (80%)
- Green (66%)
- Blue (65%)



- 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, 14.239, 27.105 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, 14.239, 27.105 by changing the saturation by 10% instead.

72, 14.239, 27.105

72, 14.239, 27.105

100, 14.239,
27.105

62, 14.239, 27.105

92, 14.239, 27.105

52, 14.239, 27.105

42, 14.239, 27.105

32, 14.239, 27.105

22, 14.239, 27.105

12, 14.239, 27.105

2, 14.239, 27.105

0, 14.239, 27.105

72, 14.239, 27.105

72, 14.239, 27.105

67, 22.592, 27.815

77, 6.512, 26.575

62, 31.573, 28.763

83, 0.616, 207.235

57, 41.128, 30.034

88, 7.195, 206.161

53, 51.125, 31.703

93, 13.282,
205.974

50, 61.330, 33.809

97, 16.814,
198.390

47, 71.329, 36.280

45, 80.286, 38.734

43, 86.834, 40.552

43, 87.374, 40.761

Harmonies

Complementary

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



72, 14.239, 27.105



79, 12.520, 205.944

Rectangle

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



72, 14.239, 27.105



72, 14.239, 77.105



72, 14.239, 207.105



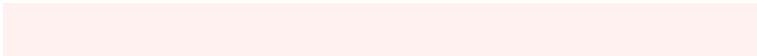
72, 14.239, 257.105

Sweetspot

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



72, 14.237, 27.114



96, 5.077, 26.412



72, 24.376, 327.355



51, 3.377, 26.450



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, 14.237, 27.114



85, 20.885, 27.382



77, 13.573, 79.816



40, 4.059, 26.590



35, 74.492, 40.834



4, 17.119, 23.384

Inverse Universe

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



79, 12.520, 205.944



95, 17.801, 205.880



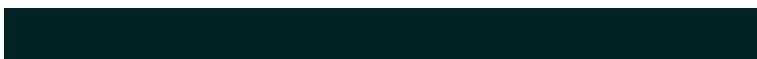
73, 13.176, 265.059



42, 3.821, 206.177



58, 33.003, 209.565



12, 12.490, 206.610

Previews

White Background



This preview shows how the CIELCh color 72, 14.239, 27.105 looks on a white background.

Color Contrast Check

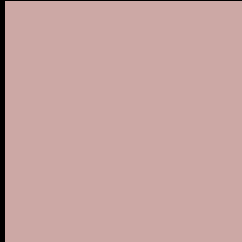
Large Text (above 18pt) WCAG AA × Fail

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, 14.239, 27.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

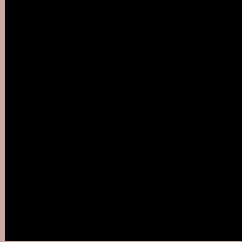
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 14.239, 27.105

Background



This preview shows how black text looks on a background with the CIELCh color 72, 14.239, 27.105.



This preview shows how white text looks on a background with the CIELCh color 72, 14.239, 27.105.

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, 14.239, 27.105

Protanopia

72, 4.418, 78.516

Deuteranopia

72, 11.062, 37.231



Tritanopia
72, 16.778, 356.183

Trichromacy



Original Color
72, 14.239, 27.105

Protanomaly
72, 7.096, 42.258

Deuteranomaly
72, 12.072, 33.245

Tritanomaly
72, 15.104, 6.278

Monochromacy



Original Color
72, 14.239, 27.105

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, 14.239, 27.105 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(204, 168, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 168, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 14.239, 27.105 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, 165) }
```

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

```
.border{ border-color:rgb(204, 168, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 168, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 168, 165);  
box-shadow:4px 4px 4px 4px rgb(204, 168,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 14.239, 27.105 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, 165) }
```

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

```
.background{ background-color: rgb(204,  
168, 165) }
```

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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