

Converting Colors

CIELCh(62, 22.174, 324.703)

Have a look what the booklet for
CIELCh(62, 22.174, 324.703)
contains.

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Color

CIELCh(62, 22.053, 324.614)

Conversions

Conversions Part 1

Format	Color
Hex	AC8CAD
RGB	172, 140, 173
RGB Percent	67%, 55%, 68%
CMY	0.3268, 0.4522, 0.3228
CMYK	0.01, 0.19, 0.00, 0.32
HSL	298°, 17%, 61%
HSV	298°, 19%, 68%
XYZ	33.7849, 30.4025, 43.4575
YIQ	153.3300, 8.4790, 17.0470

Conversions

Conversions Part 2

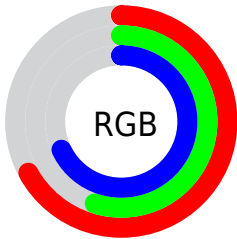
Format	Color
R _Y B	172, 140, 173
Decimal	11308205
CIE Lab	62.00, 17.98, -12.77
CIE LCh	62, 22.053, 324.614
Yxy	30.4025, 0.3139, 0.2824
Android (android.graphics.Color)	4289498285 (0xFFAC8CAD)
YUV	153.3300, 9.6973, 16.3736
Hunter-Lab	55.1385, 12.8796, -8.1326

Details

The CIELCh color $62, 22.053, 324.614$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $67, 22.011, 142.492$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 21.749, 325.249$, and $42, 21.919, 323.929$ is the 20% darker color. If you saturate the color by 10%, you get $58, 33.595, 325.128$, and if you desaturate by 10%, it is $66, 10.460, 324.083$.

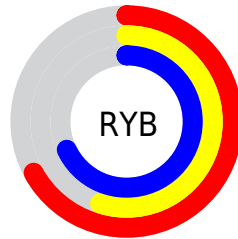
Distribution



Red (67%)

Green (55%)

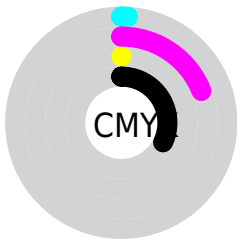
Blue (68%)



Red (67%)

Yellow (55%)

Blue (68%)

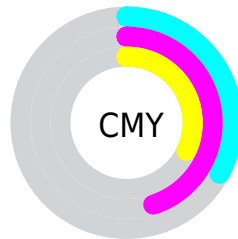


Cyan (1%)

Magenta (19%)

Yellow (0%)

Black (32%)



Cyan (33%)


Magenta (45%)

Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 22.053, 324.614 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 62, 22.053, 324.614 by changing the saturation by 10% instead.

 62, 22.053,
324.614


 62, 22.053,
324.614


 100, 22.053,
324.614

 52, 22.053,
324.614


 82, 22.053,
324.614

 42, 22.053,
324.614

 92, 22.053,
324.614

 32, 22.053,
324.614

 22, 22.053,
324.614

 12, 22.053,
324.614

 2, 22.053, 324.614

 0, 22.053, 324.614

62, 22.053,
324.614

62, 22.053,
324.614

58, 33.595,
325.128

66, 10.460,
324.083

54, 44.854,
325.615

71, 1.014, 143.809

50, 55.505,
326.059

76, 12.266,
143.099

47, 65.150,
326.441

80, 23.233,
142.602

44, 73.342,
326.742

85, 33.881,
142.133

42, 79.671,
326.946

90, 44.200,
141.691


41, 83.877,
327.041


93, 50.973,
141.358

40, 86.214,

93, 50.871,
141.207

327.044

 93, 50.768,
141.056

 40, 86.403,
327.043

Harmonies

Complementary

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



62, 22.053, 324.614



67, 22.011, 142.492

Rectangle

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



62, 22.053, 324.614



62, 22.053, 14.614



62, 22.053, 144.614



62, 22.053, 194.614

Sweetspot

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



62, 22.051, 324.614



86, 8.517, 323.917



59, 18.061, 290.971



45, 5.644, 323.952



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62, 22.051, 324.614



77, 32.878, 324.837



62, 16.123, 343.470



34, 6.529, 324.094



35, 78.070, 327.056



2, 13.660, 323.243

Inverse Universe

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



61, 13.309, 18.332



75, 20.142, 18.774



68, 15.802, 160.309



34, 3.818, 17.450



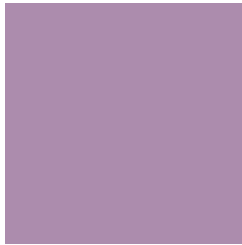
31, 68.877, 38.228



2, 7.810, 17.344

Previews

White Background



This preview shows how the CIELCh color 62, 22.053, 324.614 looks on a white background.

Color Contrast Check

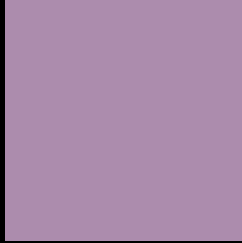
Large Text (above 18pt) WCAG AA × Fail

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 62, 22.053, 324.614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

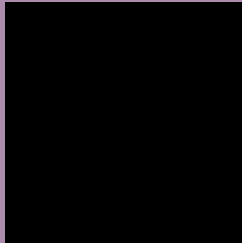
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 22.053, 324.614

Background



This preview shows how black text looks on a background with the CIELCh color 62, 22.053, 324.614.



This preview shows how white text looks on a background with the CIELCh color 62, 22.053, 324.614.

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

62, 22.053, 324.614

Protanopia

62, 16.884, 286.032

Deuteranopia

62, 14.407, 303.402



Tritanopia
62, 11.856, 349.381

Trichromacy



Original Color
62, 22.053, 324.614

Protanomaly
62, 17.711, 301.386

Deuteranomaly
62, 16.880, 312.213

Tritanomaly
62, 15.133, 336.300

Monochromacy



Original Color
62, 22.053, 324.614

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 8.168, 324.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 22.053, 324.614 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(172, 140, 173)` looks like.

```
.text, #text, p{  
    color:rgb(172, 140, 173)  
}
```

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(172, 140, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 140, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 22.053, 324.614 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(172, 140, 173) }
```

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

```
.border{ border-color:rgb(172, 140, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 140, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 140, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 140, 173);  
box-shadow:4px 4px 4px 4px rgb(172, 140,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 22.053, 324.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 140, 173) }
```

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

```
.background{ background-color: rgb(172,  
140, 173) }
```

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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