

Converting Colors

CIELCh(62, 17.871, 323.213)

Have a look what the booklet for
CIELCh(62, 17.871, 323.213)
contains.

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Color

CIELCh(62, 17.871, 323.213)

Conversions

Conversions Part 1

Format	Color
Hex	A78EA9
RGB	167, 142, 169
RGB Percent	65%, 56%, 66%
CMY	0.3453, 0.4433, 0.3375
CMYK	0.01, 0.16, 0.00, 0.34
HSL	296°, 14%, 61%
HSV	296°, 16%, 66%
XYZ	32.7464, 30.4025, 41.6517
YIQ	152.5530, 6.2330, 13.6970

Conversions

Conversions Part 2

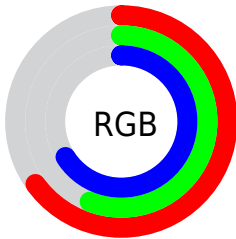
Format	Color
RYB	167, 142, 169
Decimal	10981033
CIELab	62.00, 14.31, -10.70
CIElCh	62, 17.871, 323.213
Yxy	30.4025, 0.3125, 0.2901
Android (android.graphics.Color)	4289171113 (0xFFA78EA9)
YUV	152.5530, 8.1084, 12.6700
Hunter-Lab	55.1385, 9.5177, -6.1908

Details

The CIELCh color $62, 17.871, 323.213$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $67, 17.813, 141.567$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 17.568, 323.125$, and $42, 17.694, 323.275$ is the 20% darker color. If you saturate the color by 10%, you get $58, 29.130, 323.706$, and if you desaturate by 10%, it is $66, 6.645, 322.700$.

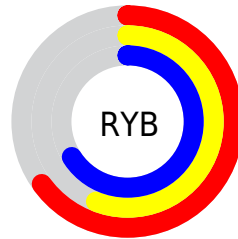
Distribution



Red (65%)

Green (56%)

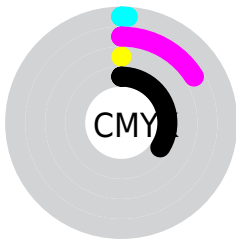
Blue (66%)



Red (65%)

Yellow (56%)

Blue (66%)

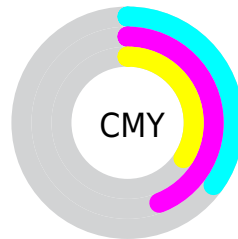


Cyan (1%)

Magenta (16%)

Yellow (0%)

Black (34%)



Cyan (35%)


Magenta (44%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 17.871, 323.213 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, 17.871, 323.213 by changing the saturation by 10% instead.


 62, 17.871,
323.213


 62, 17.871,
323.213


 100, 17.871,
323.213


 52, 17.871,
323.213


 82, 17.871,
323.213

 42, 17.871,
323.213

 92, 17.871,
323.213

 32, 17.871,
323.213

 22, 17.871,
323.213

 12, 17.871,
323.213

 2, 17.871, 323.213

 0, 17.871, 323.213

62, 17.871,
323.213

62, 17.871,
323.213

58, 29.130,
323.706

66, 6.645, 322.700

54, 40.234,
324.178

71, 4.414, 142.293

50, 50.909,
324.610

76, 15.230,
141.787

46, 60.795,
324.982

80, 25.757,
141.330

43, 69.466,
325.269

85, 35.976,
140.900

41, 76.477,
325.448

90, 45.881,
140.498

39, 81.475,
325.497

93, 52.472,
140.126

38, 84.369,

93, 52.232,
139.767

325.411

■ 93, 51.993,
139.403

■ 38, 85.272,
325.362

Harmonies

Complementary

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



62, 17.871, 323.213



67, 17.813, 141.567

Rectangle

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



62, 17.871, 323.213



62, 17.871, 13.213



62, 17.871, 143.213



62, 17.871, 193.213

Sweetspot

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



62, 17.869, 323.213



85, 6.868, 322.650



60, 13.976, 288.414



44, 4.681, 322.688



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



62, 17.869, 323.213



77, 26.309, 323.381



62, 13.666, 340.637



33, 6.284, 322.874



33, 77.326, 325.392



2, 11.301, 321.651

Inverse Universe

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



61, 10.825, 14.557



76, 16.096, 14.904



67, 13.487, 158.174



33, 3.736, 13.915



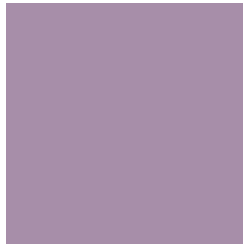
30, 66.436, 36.317



1, 6.608, 14.114

Previews

White Background



This preview shows how the CIELCh color 62, 17.871, 323.213 looks on a white background.

Color Contrast Check

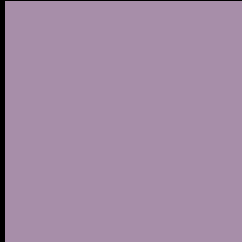
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 17.871, 323.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

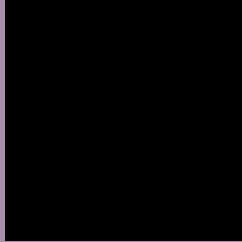
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 17.871, 323.213

Background



This preview shows how black text looks on a background with the CIELCh color 62, 17.871, 323.213.



This preview shows how white text looks on a background with the CIELCh color 62, 17.871, 323.213.

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, 17.871, 323.213

Protanopia

62, 13.491, 287.069

Deuteranopia

62, 12.961, 308.075



Tritanopia
62, 10.561, 340.949

Trichromacy



Original Color
62, 17.871, 323.213

Protanomaly
62, 14.956, 302.993

Deuteranomaly
62, 14.139, 314.755

Tritanomaly
62, 13.419, 331.989

Monochromacy



Original Color
62, 17.871, 323.213

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 6.602, 321.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 17.871, 323.213 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(167, 142, 169)` looks like.

```
.text, #text, p{  
    color:rgb(167, 142, 169)  
}
```

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(167, 142, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 142, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 17.871, 323.213 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(167, 142, 169) }
```

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

```
.border{ border-color:rgb(167, 142, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 142, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 142, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 142, 169);  
box-shadow:4px 4px 4px 4px rgb(167, 142,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 17.871, 323.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 142, 169) }
```

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

```
.background{ background-color: rgb(167,  
142, 169) }
```

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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