

Converting Colors

CIELCh(62, 13.169, 326.957)

Have a look what the booklet for
CIELCh(62, 13.169, 326.957)
contains.

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Color

CIELCh(62, 13.133, 326.462)

Conversions

Conversions Part 1

Format	Color
Hex	A490A3
RGB	164, 144, 163
RGB Percent	64%, 56%, 64%
CMY	0.3576, 0.4360, 0.3615
CMYK	0.00, 0.12, 0.01, 0.36
HSL	303°, 10%, 60%
HSV	303°, 12%, 64%
XYZ	31.8122, 30.4025, 38.7556
YIQ	152.1460, 5.8210, 10.1490

Conversions

Conversions Part 2

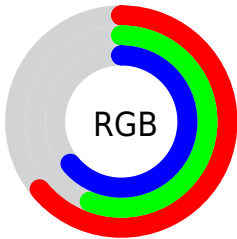
Format	Color
RYB	164, 144, 163
Decimal	10784931
CIELab	62.00, 10.95, -7.26
CIELCh	62, 13.133, 326.462
Yxy	30.4025, 0.3151, 0.3011
Android (android.graphics.Color)	4288975011 (0xFFA490A3)
YUV	152.1460, 5.3510, 10.3960
Hunter-Lab	55.1385, 6.4932, -3.0767

Details

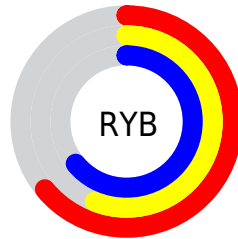
The CIELCh color $62, 13.133, 326.462$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 13.112, 145.094$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 13.071, 326.256$, and $42, 12.635, 326.809$ is the 20% darker color. If you saturate the color by 10%, you get $58, 23.960, 327.024$, and if you desaturate by 10%, it is $66, 2.361, 325.831$.

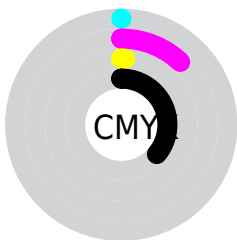
Distribution



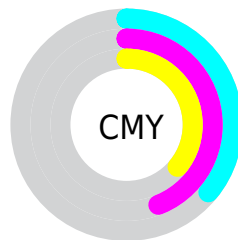
- Red (64%)
- Green (56%)
- Blue (64%)



- Red (64%)
- Yellow (56%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (1%)
- Black (36%)





- Cyan (36%)
- Magenta (44%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 13.133, 326.462 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, 13.133, 326.462 by changing the saturation by 10% instead.


 62, 13.133,
326.462


 62, 13.133,
326.462


 100, 13.133,
326.462


 52, 13.133,
326.462


 82, 13.133,
326.462

 42, 13.133,
326.462

 92, 13.133,
326.462

 32, 13.133,
326.462

 22, 13.133,
326.462

 12, 13.133,
326.462

 2, 13.133, 326.462

 0, 13.133, 326.462

62, 13.133,
326.462

62, 13.133,
326.462

58, 23.960,
327.024

66, 2.361, 325.831

54, 34.670,
327.574

71, 8.231, 145.419

50, 45.009,
328.105

75, 18.575,
144.881

47, 54.643,
328.605

80, 28.629,
144.376

44, 63.175,
329.062

84, 38.378,
143.897

42, 70.187,
329.466

89, 47.818,
143.445

40, 75.327,
329.813

93, 54.960,
143.161

39, 78.420,

93, 54.623,
143.408

330.104

■ 93, 54.286,
143.659

■ 38, 79.828,
330.306

Harmonies

Complementary

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



62, 13.133, 326.462



65, 13.112, 145.094

Rectangle

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



62, 13.133, 326.462



62, 13.133, 16.462



62, 13.133, 146.462



62, 13.133, 196.462

Sweetspot

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



62, 13.131, 326.462



84, 5.329, 325.979



60, 11.305, 293.301



44, 3.782, 326.026



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 13.131, 326.462



78, 20.102, 326.636



62, 9.284, 347.459



32, 6.058, 326.294



34, 73.153, 330.284



2, 9.276, 326.260

Inverse Universe

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



62, 13.131, 326.462



78, 20.102, 326.636



66, 9.106, 165.425



32, 6.058, 326.294



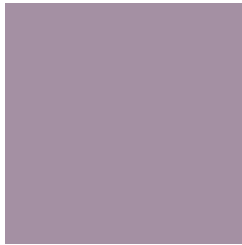
34, 73.153, 330.284



2, 9.276, 326.260

Previews

White Background



This preview shows how the CIELCh color 62, 13.133, 326.462 looks on a white background.

Color Contrast Check

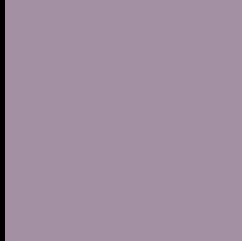
Large Text (above 18pt) WCAG AA × Fail

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, 13.133, 326.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

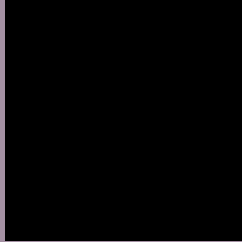
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 13.133, 326.462

Background



This preview shows how black text looks on a background with the CIELCh color 62, 13.133, 326.462.



This preview shows how white text looks on a background with the CIELCh color 62, 13.133, 326.462.

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, 13.133, 326.462

Protanopia

62, 9.545, 289.020

Deuteranopia

62, 10.289, 319.598



Tritanopia
62, 9.313, 338.898

Trichromacy



Original Color
62, 13.133, 326.462

Protanomaly
62, 10.484, 305.645

Deuteranomaly
62, 11.357, 323.364

Tritanomaly
62, 10.077, 334.101

Monochromacy



Original Color
62, 13.133, 326.462

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 4.779, 324.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 13.133, 326.462 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(164, 144, 163)` looks like.

```
.text, #text, p{  
    color:rgb(164, 144, 163)  
}
```

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(164, 144, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 144, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 13.133, 326.462 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(164, 144, 163) }
```

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

```
.border{ border-color:rgb(164, 144, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 144, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 144, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 144, 163);  
box-shadow:4px 4px 4px 4px rgb(164, 144,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 13.133, 326.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 144, 163) }
```

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

```
.background{ background-color: rgb(164,  
144, 163) }
```

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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