

Converting Colors

CIELCh(62, 12.277, 329.557)

Have a look what the booklet for
CIELCh(62, 12.277, 329.557)
contains.

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Color

CIELCh(62, 12.252, 329.539)

Conversions

Conversions Part 1

Format	Color
Hex	A490A1
RGB	164, 144, 161
RGB Percent	64%, 56%, 63%
CMY	0.3569, 0.4354, 0.3687
CMYK	0.00, 0.12, 0.02, 0.36
HSL	309°, 10%, 60%
HSV	309°, 12%, 64%
XYZ	31.7062, 30.4025, 37.9050
YIQ	151.9180, 6.4630, 9.5270

Conversions

Conversions Part 2

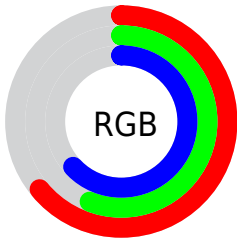
Format	Color
RYB	164, 144, 161
Decimal	10784929
CIELab	62.00, 10.56, -6.21
CIELCh	62, 12.252, 329.539
Yxy	30.4025, 0.3170, 0.3040
Android (android.graphics.Color)	4288975009 (0xFFA490A1)
YUV	151.9180, 4.4774, 10.5959
Hunter-Lab	55.1385, 6.1503, -2.1620

Details

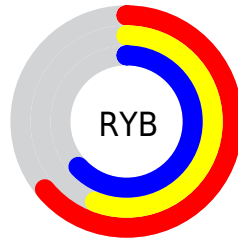
The CIELCh color $62, 12.252, 329.539$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 12.220, 148.096$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 12.235, 329.156$, and $42, 12.160, 328.485$ is the 20% darker color. If you saturate the color by 10%, you get $58, 22.374, 330.154$, and if you desaturate by 10%, it is $66, 2.193, 328.856$.

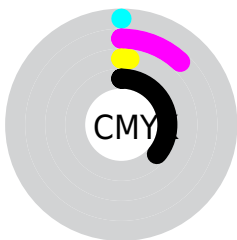
Distribution



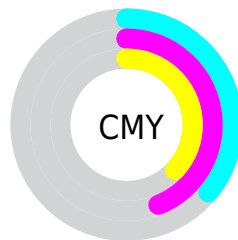
- Red (64%)
- Green (56%)
- Blue (63%)



- Red (64%)
- Yellow (56%)
- Blue (63%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (36%)





- Cyan (36%)
- Magenta (44%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 12.252, 329.539 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, 12.252, 329.539 by changing the saturation by 10% instead.

 62, 12.252,
329.539


 62, 12.252,
329.539


 100, 12.252,
329.539


 52, 12.252,
329.539


 82, 12.252,
329.539

 42, 12.252,
329.539

 92, 12.252,
329.539

 32, 12.252,
329.539

 22, 12.252,
329.539

 12, 12.252,
329.539

 2, 12.252, 329.539

 0, 12.252, 329.539

62, 12.252,
329.539

62, 12.252,
329.539

58, 22.374,
330.154

66, 2.193, 328.856

54, 32.401,
330.773

71, 7.689, 148.437

50, 42.092,
331.398

75, 17.335,
147.872

46, 51.127,
332.025

80, 26.710,
147.346

43, 59.112,
332.654

85, 35.803,
146.849

41, 65.623,
333.289

89, 44.614,
146.379


39, 70.287,
333.941


93, 50.984,
146.229

38, 72.903,

93, 49.991,
147.094

334.629

 93, 49.003,
147.992

 37, 73.934,
335.192

Harmonies

Complementary

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



62, 12.252, 329.539



65, 12.220, 148.096

Rectangle

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



62, 12.252, 329.539



62, 12.252, 19.539



62, 12.252, 149.539



62, 12.252, 199.539

Sweetspot

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



62, 12.250, 329.540



83, 4.970, 329.019



61, 11.362, 297.015



44, 3.527, 329.070



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, 12.250, 329.540



78, 18.758, 329.729



62, 8.751, 353.683



32, 5.651, 329.359



33, 67.754, 335.111



1, 8.499, 330.176

Inverse Universe

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



62, 12.250, 329.540



78, 18.758, 329.729



66, 8.504, 171.533



32, 5.651, 329.359



33, 67.754, 335.111



1, 8.499, 330.176

Previews

White Background



This preview shows how the CIELCh color 62, 12.252, 329.539 looks on a white background.

Color Contrast Check

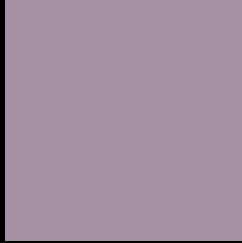
Large Text (above 18pt) WCAG AA × Fail

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, 12.252, 329.539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

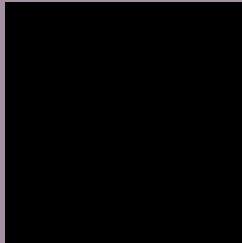
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 12.252, 329.539

Background



This preview shows how black text looks on a background with the CIELCh color 62, 12.252, 329.539.



This preview shows how white text looks on a background with the CIELCh color 62, 12.252, 329.539.

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, 12.252, 329.539

Protanopia

62, 8.424, 288.592

Deuteranopia

62, 10.001, 323.082



Tritanopia
62, 9.313, 338.898

Trichromacy



Original Color
62, 12.252, 329.539

Protanomaly
62, 9.403, 307.310

Deuteranomaly
62, 10.893, 324.955

Tritanomaly
62, 10.077, 334.101

Monochromacy



Original Color
62, 12.252, 329.539

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 4.330, 328.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 12.252, 329.539 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(164, 144, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 144, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 12.252, 329.539 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, 161) }
```

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

```
.border{ border-color:rgb(164, 144, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 144, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 144, 161);  
box-shadow:4px 4px 4px 4px rgb(164, 144,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 12.252, 329.539 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, 161) }
```

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

```
.background{ background-color: rgb(164,  
144, 161) }
```

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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