

Converting Colors

CIELCh(62, 10.910, 342.079)

Have a look what the booklet for
CIELCh(62, 10.910, 342.079)
contains.

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Color

CIELCh(62, 10.863, 342.308)

Conversions

Conversions Part 1

Format	Color
Hex	A6909C
RGB	166, 144, 156
RGB Percent	65%, 56%, 61%
CMY	0.3495, 0.4357, 0.3887
CMYK	0.00, 0.13, 0.06, 0.35
HSL	327°, 11%, 61%
HSV	327°, 13%, 65%
XYZ	31.6482, 30.4025, 35.6014
YIQ	151.9460, 9.2600, 8.3960

Conversions

Conversions Part 2

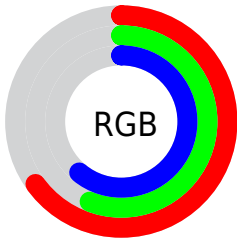
Format	Color
R_{YB}	166, 144, 156
Decimal	10915996
CIE _{Lab}	62.00, 10.35, -3.30
CIE _{LCh}	62, 10.863, 342.308
Yxy	30.4025, 0.3241, 0.3113
Android (android.graphics.Color)	4289106076 (0xFFA6909C)
YUV	151.9460, 1.9986, 12.3254
Hunter-Lab	55.1385, 5.9625, 0.3151

Details

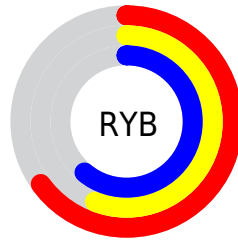
The CIELCh color $62, 10.863, 342.308$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 10.715, 160.246$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 10.566, 343.316$, and $42, 10.640, 342.397$ is the 20% darker color. If you saturate the color by 10%, you get $58, 19.203, 343.214$, and if you desaturate by 10%, it is $67, 2.643, 341.405$.

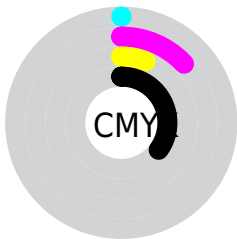
Distribution



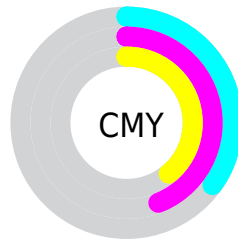
- Red (65%)
- Green (56%)
- Blue (61%)



- Red (65%)
- Yellow (56%)
- Blue (61%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (35%)





- Cyan (35%)
- Magenta (44%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 10.863, 342.308 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, 10.863, 342.308 by changing the saturation by 10% instead.


 62, 10.863,
342.308


 62, 10.863,
342.308


 100, 10.863,
342.308


 52, 10.863,
342.308


 82, 10.863,
342.308

 42, 10.863,
342.308

 92, 10.863,
342.308

 32, 10.863,
342.308

 22, 10.863,
342.308

 12, 10.863,
342.308

 2, 10.863, 342.308

 0, 10.863, 342.308

62, 10.863,
342.308

62, 10.863,
342.308

58, 19.203,
343.214

67, 2.643, 341.405

53, 27.540,
344.209

71, 5.373, 160.856

49, 35.667,
345.332

76, 13.147,
160.135

46, 43.297,
346.627

81, 20.664,
159.492

42, 50.059,
348.158

85, 27.924,
158.899

40, 55.537,
350.017

90, 34.935,
158.348


38, 59.367,
352.324


94, 38.881,
159.247

36, 61.381,

94, 36.322,
163.795

355.221

 94, 33.979,
168.971

 36, 62.134,
357.425

Harmonies

Complementary

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



62, 10.863, 342.308



66, 10.715, 160.246

Rectangle

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



62, 10.863, 342.308



62, 10.863, 32.308



62, 10.863, 162.308



62, 10.863, 212.308

Sweetspot

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



62, 10.861, 342.311



84, 4.035, 341.494



61, 12.980, 307.924



45, 2.893, 341.567



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, 10.861, 342.311



78, 16.339, 342.578



62, 8.754, 16.213



33, 4.672, 341.968



32, 57.190, 357.039



2, 8.015, 345.250

Inverse Universe

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



62, 10.861, 342.311



78, 16.339, 342.578



66, 8.117, 194.439



33, 4.672, 341.968



32, 57.190, 357.039



2, 8.015, 345.250

Previews

White Background



This preview shows how the CIELCh color 62, 10.863, 342.308 looks on a white background.

Color Contrast Check

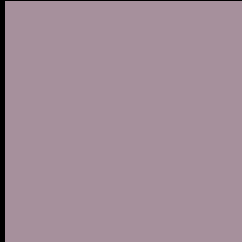
Large Text (above 18pt) WCAG AA × Fail

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, 10.863, 342.308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

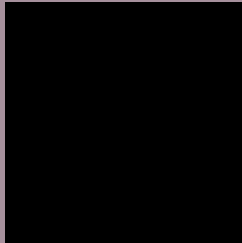
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 10.863, 342.308

Background



This preview shows how black text looks on a background with the CIELCh color 62, 10.863, 342.308.



This preview shows how white text looks on a background with the CIELCh color 62, 10.863, 342.308.

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, 10.863, 342.308

Protanopia

62, 5.635, 294.627

Deuteranopia

62, 9.027, 337.218



Tritanopia
62, 10.538, 344.725

Trichromacy



Original Color
62, 10.863, 342.308

Protanomaly
62, 7.100, 319.631

Deuteranomaly
62, 9.313, 338.898

Tritanomaly
62, 10.538, 344.725

Monochromacy



Original Color
62, 10.863, 342.308

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 3.835, 343.971

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 10.863, 342.308 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(166, 144, 156)` looks like.

```
.text, #text, p{  
    color:rgb(166, 144, 156)  
}
```

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(166, 144, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 144, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 10.863, 342.308 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(166, 144, 156) }
```

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

```
.border{ border-color:rgb(166, 144, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 144, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 144, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 144, 156);  
box-shadow:4px 4px 4px 4px rgb(166, 144,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 10.863, 342.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 144, 156) }
```

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

```
.background{ background-color: rgb(166,  
144, 156) }
```

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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