

Converting Colors

CIELCh(62, 12.486, 2.452)

Have a look what the booklet for
CIELCh(62, 12.486, 2.452) contains.

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Color

CIELCh(62, 12.470, 2.441)

Conversions

Conversions Part 1

Format	Color
Hex	AC8E95
RGB	172, 142, 149
RGB Percent	67%, 56%, 58%
CMY	0.3244, 0.4421, 0.4147
CMYK	0.00, 0.17, 0.13, 0.32
HSL	346°, 15%, 62%
HSV	346°, 17%, 68%
XYZ	32.2297, 30.4025, 32.7125
YIQ	151.7680, 15.6330, 8.5370

Conversions

Conversions Part 2

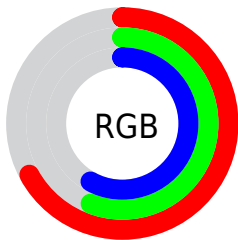
Format	Color
RYB	172, 142, 149
Decimal	11308693
CIELab	62.00, 12.46, 0.53
CIElCh	62, 12.470, 2.441
Yxy	30.4025, 0.3380, 0.3189
Android (android.graphics.Color)	4289498773 (0xFFAC8E95)
YUV	151.7680, -1.3646, 17.7435
Hunter-Lab	55.1385, 7.8448, 3.4214

Details

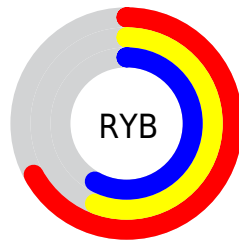
The CIELCh color $62, 12.470, 2.441$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $68, 11.719, 179.197$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 12.462, 3.168$, and $42, 12.079, 3.802$ is the 20% darker color. If you saturate the color by 10%, you get $57, 20.046, 3.693$, and if you desaturate by 10%, it is $67, 5.187, 1.350$.

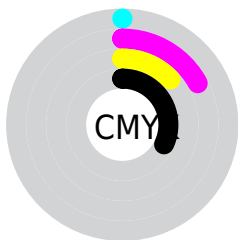
Distribution



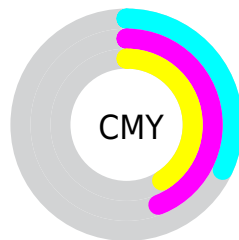
- Red (67%)
- Green (56%)
- Blue (58%)



- Red (67%)
- Yellow (56%)
- Blue (58%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (32%)



- Cyan (32%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 12.470, 2.441 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, 12.470, 2.441 by changing the saturation by 10% instead.

 62, 12.470, 2.441  62, 12.470, 2.441

 100, 12.470, 2.441  52, 12.470, 2.441

 82, 12.470, 2.441  42, 12.470, 2.441

 92, 12.470, 2.441  32, 12.470, 2.441

 22, 12.470, 2.441

 12, 12.470, 2.441

 2, 12.470, 2.441

 0, 12.470, 2.441

 62, 12.470, 2.441  62, 12.470, 2.441

 57, 20.046, 3.693  67, 5.187, 1.350

53, 27.825, 5.180

72, 1.755, 180.788

49, 35.644, 6.995

77, 8.347, 179.796

45, 43.260, 9.254

82, 14.600,
179.073

42, 50.368, 12.100

87, 20.535,
178.437

39, 56.669, 15.687

37, 61.988, 20.122

92, 26.177,
177.867

36, 66.467, 25.261

95, 27.870,
183.406

36, 67.649, 26.537

95, 26.141,
197.731

95, 26.137,
197.806

Harmonies

Complementary

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



62, 12.470, 2.441



68, 11.719, 179.197

Rectangle

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



62, 12.470, 2.441



62, 12.470, 52.441



62, 12.470, 182.441



62, 12.470, 232.441

Sweetspot

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



62, 12.468, 2.447



86, 4.311, 1.088



62, 18.959, 318.542



45, 2.942, 1.166



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, 12.468, 2.447



77, 18.801, 2.916



64, 9.925, 46.585



34, 3.997, 1.553



31, 60.929, 25.858



2, 8.123, 3.995

Inverse Universe

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



62, 12.468, 2.447



77, 18.801, 2.916



66, 8.952, 228.656



34, 3.997, 1.553



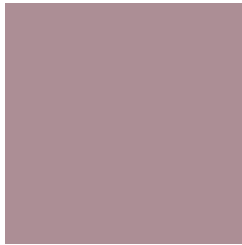
31, 60.929, 25.858



2, 8.123, 3.995

Previews

White Background



This preview shows how the CIELCh color 62, 12.470, 2.441 looks on a white background.

Color Contrast Check

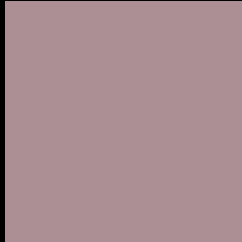
Large Text (above 18pt) WCAG AA × Fail

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, 12.470, 2.441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

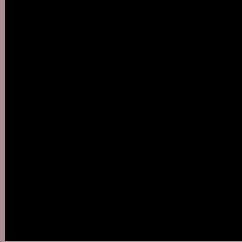
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 12.470, 2.441

Background



This preview shows how black text looks on a background with the CIELCh color 62, 12.470, 2.441.



This preview shows how white text looks on a background with the CIELCh color 62, 12.470, 2.441.

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, 12.470, 2.441

Protanopia

62, 2.540, 317.340

Deuteranopia

62, 8.174, 4.334



Tritanopia
62, 13.596, 353.983

Trichromacy



Original Color
62, 12.470, 2.441

Protanomaly
62, 5.451, 348.989

Deuteranomaly
62, 9.858, 3.943

Tritanomaly
62, 13.378, 356.150

Monochromacy



Original Color
62, 12.470, 2.441

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 4.606, 358.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 12.470, 2.441 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, 142, 149)` looks like.

```
.text, #text, p{  
    color:rgb(172, 142, 149)  
}
```

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, 142, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 142, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 12.470, 2.441 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, 142, 149) }
```

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

```
.border{ border-color:rgb(172, 142, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 142, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 142, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 142, 149);  
box-shadow:4px 4px 4px 4px rgb(172, 142,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 12.470, 2.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 142, 149) }
```

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

```
.background{ background-color: rgb(172,  
142, 149) }
```

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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