

Converting Colors

CIELCh(62, 12.558, 127.281)

Have a look what the booklet for
CIELCh(62, 12.558, 127.281)
contains.

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Color

CIELCh(62, 12.403, 127.629)

Conversions

Conversions Part 1

Format	Color
Hex	8F9984
RGB	143, 153, 132
RGB Percent	56%, 60%, 52%
CMY	0.4382, 0.3990, 0.4814
CMYK	0.07, 0.00, 0.14, 0.40
HSL	89°, 9%, 56%
HSV	89°, 14%, 60%
XYZ	26.9878, 30.4025, 26.3663
YIQ	147.6160, 0.7810, -8.6510

Conversions

Conversions Part 2

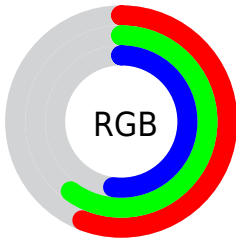
Format	Color
RYB	132, 153, 142
Decimal	9410948
CIELab	62.00, -7.57, 9.82
CIELCh	62, 12.403, 127.629
Yxy	30.4025, 0.3222, 0.3630
Android (android.graphics.Color)	4287601028 (0xFF8F9984)
YUV	147.6160, -7.6987, -4.0482
Hunter-Lab	55.1385, -9.1248, 10.2454

Details

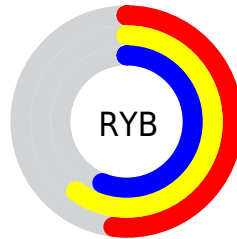
The CIELCh color $62, 12.403, 127.629$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 12.647, 308.854$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 12.223, 126.984$, and $42, 12.065, 127.343$ is the 20% darker color. If you saturate the color by 10%, you get $61, 21.446, 127.157$, and if you desaturate by 10%, it is $63, 3.345, 128.102$.

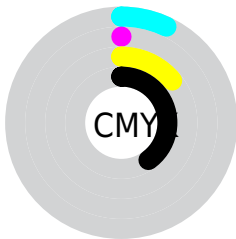
Distribution



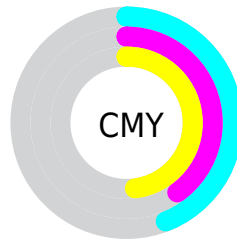
- Red (56%)
- Green (60%)
- Blue (52%)



- Red (52%)
- Yellow (60%)
- Blue (56%)



- Cyan (7%)
- Magenta (0%)
- Yellow (14%)
- Black (40%)





- Cyan (44%)
- Magenta (40%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 12.403, 127.629 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, 12.403, 127.629 by changing the saturation by 10% instead.


 62, 12.403,
127.629


 62, 12.403,
127.629


 100, 12.403,
127.629


 52, 12.403,
127.629


 82, 12.403,
127.629

 42, 12.403,
127.629

 92, 12.403,
127.629

 32, 12.403,
127.629

 22, 12.403,
127.629

 12, 12.403,
127.629

 2, 12.403, 127.629

 0, 12.403, 127.629

62, 12.403,
127.629

62, 12.403,
127.629

61, 21.446,
127.157

63, 3.345, 128.102

60, 30.392,
126.676

64, 5.680, 308.480

60, 39.133,
126.215

65, 14.629,
308.877

59, 47.510,
125.814

66, 23.476,
309.232

58, 55.297,
125.536

67, 32.201,
309.552

58, 62.184,
125.475

69, 40.790,
309.840

57, 67.800,
125.746

70, 49.234,
310.098

57, 71.817,

71, 57.528,
310.328

126.460

■ 72, 58.105,
312.605

■ 57, 73.858,
126.997

Harmonies

Complementary

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



62, 12.403, 127.629



57, 12.647, 308.854

Rectangle

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



62, 12.403, 127.629



62, 12.403, 177.629



62, 12.403, 307.629



62, 12.403, 357.629

Sweetspot

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



62, 12.405, 127.632



80, 4.464, 128.083



60, 7.140, 70.111



42, 3.165, 128.049



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



62, 12.405, 127.632



78, 17.908, 127.509



61, 14.286, 142.788



32, 5.104, 127.841



52, 69.143, 126.868



3, 5.534, 128.544

Inverse Universe

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



57, 12.647, 308.854



71, 18.323, 308.983



58, 14.314, 324.240



30, 5.174, 308.636



20, 80.188, 311.622



1, 5.515, 307.950

Previews

White Background



This preview shows how the CIELCh color 62, 12.403, 127.629 looks on a white background.

Color Contrast Check

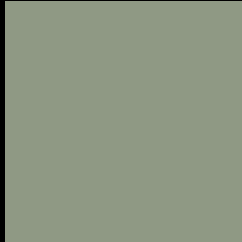
Large Text (above 18pt) WCAG AA × Fail

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, 12.403, 127.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

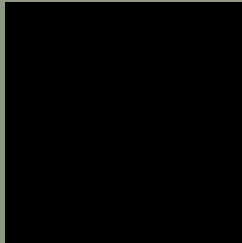
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

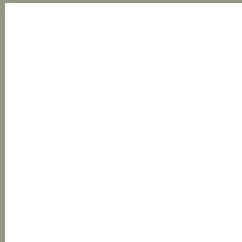
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 12.403, 127.629

Background



This preview shows how black text looks on a background with the CIELCh color 62, 12.403, 127.629.



This preview shows how white text looks on a background with the CIELCh color 62, 12.403, 127.629.

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

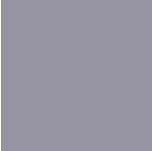
62, 12.403, 127.629

Protanopia

62, 11.100, 91.887

Deuteranopia

62, 12.069, 47.701



Tritanopia
62, 6.744, 287.758

Trichromacy



Original Color
62, 12.403, 127.629

Protanomaly
62, 11.159, 106.854

Deuteranomaly
62, 9.455, 75.308

Tritanomaly
62, 1.909, 199.461

Monochromacy



Original Color
62, 12.403, 127.629

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 4.757, 128.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 12.403, 127.629 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(143, 153, 132)` looks like.

```
.text, #text, p{  
    color:rgb(143, 153, 132)  
}
```

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(143, 153, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 153, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 12.403, 127.629 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(143, 153, 132) }
```

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

```
.border{ border-color:rgb(143, 153, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 153, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 153, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 153, 132);  
box-shadow:4px 4px 4px 4px rgb(143, 153,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 12.403, 127.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 153, 132) }
```

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

```
.background{ background-color: rgb(143,  
153, 132) }
```

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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