

Converting Colors

CIELCh(62, 12.010, 128.807)

Have a look what the booklet for
CIELCh(62, 12.010, 128.807)
contains.

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Color

CIELCh(62, 11.877, 128.507)

Conversions

Conversions Part 1

Format	Color
Hex	8F9985
RGB	143, 153, 133
RGB Percent	56%, 60%, 52%
CMY	0.4385, 0.3992, 0.4777
CMYK	0.07, 0.00, 0.13, 0.40
HSL	90°, 9%, 56%
HSV	90°, 13%, 60%
XYZ	27.0316, 30.4025, 26.7033
YIQ	147.7300, 0.4600, -8.3400

Conversions

Conversions Part 2

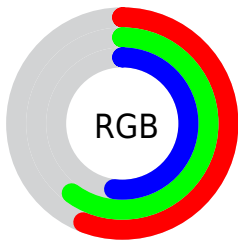
Format	Color
RYB	133, 153, 143
Decimal	9410949
CIELab	62.00, -7.39, 9.29
CIELCh	62, 11.877, 128.507
Yxy	30.4025, 0.3213, 0.3613
Android (android.graphics.Color)	4287601029 (0xFF8F9985)
YUV	147.7300, -7.2619, -4.1482
Hunter-Lab	55.1385, -8.9829, 9.8831

Details

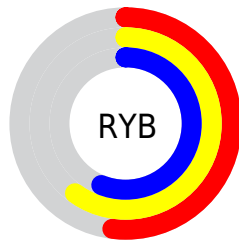
The CIELCh color $62, 11.877, 128.507$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 12.090, 309.642$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 11.722, 127.785$, and $42, 12.065, 127.343$ is the 20% darker color. If you saturate the color by 10%, you get $61, 20.976, 128.042$, and if you desaturate by 10%, it is $63, 2.772, 128.977$.

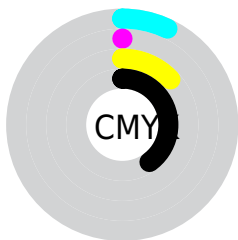
Distribution



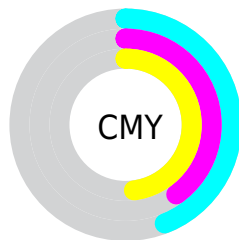
- Red (56%)
- Green (60%)
- Blue (52%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (13%)
- Black (40%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 11.877, 128.507 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, 11.877, 128.507 by changing the saturation by 10% instead.


 62, 11.877,
128.507


 62, 11.877,
128.507


 100, 11.877,
128.507


 52, 11.877,
128.507


 82, 11.877,
128.507

 42, 11.877,
128.507

 92, 11.877,
128.507

 32, 11.877,
128.507

 22, 11.877,
128.507

 12, 11.877,
128.507

 2, 11.877, 128.507

 0, 11.877, 128.507

62, 11.877,
128.507

62, 11.877,
128.507

61, 20.976,
128.042

63, 2.772, 128.977

60, 29.987,
127.565

64, 6.291, 309.336

59, 38.804,
127.102

65, 15.270,
309.719

59, 47.270,
126.693

66, 24.138,
310.061

58, 55.163,
126.400

68, 32.876,
310.368

58, 62.177,
126.313

69, 41.471,
310.642

57, 67.943,
126.550

70, 49.914,
310.886

57, 72.122,

72, 57.823,
311.212

127.221

■ 72, 58.391,
313.617

■ 56, 74.404,
127.807

Harmonies

Complementary

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



62, 11.877, 128.507



57, 12.090, 309.642

Rectangle

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



62, 11.877, 128.507



62, 11.877, 178.507



62, 11.877, 308.507



62, 11.877, 358.507

Sweetspot

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



62, 11.879, 128.510



80, 4.487, 128.925



60, 6.919, 73.821



42, 3.182, 128.891



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, 11.879, 128.510



78, 18.009, 128.359



61, 13.752, 143.685



32, 5.131, 128.686



52, 69.672, 127.680



3, 5.562, 129.363

Inverse Universe

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



57, 12.090, 309.642



71, 18.405, 309.799



58, 13.768, 325.125



30, 5.199, 309.462



21, 79.787, 312.151



1, 5.543, 308.775

Previews

White Background



This preview shows how the CIELCh color 62, 11.877, 128.507 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, 11.877, 128.507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

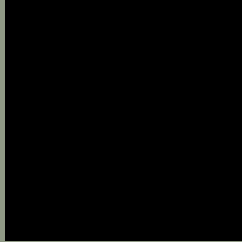
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 11.877, 128.507

Background



This preview shows how black text looks on a background with the CIELCh color 62, 11.877, 128.507.



This preview shows how white text looks on a background with the CIELCh color 62, 11.877, 128.507.

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, 11.877, 128.507

Protanopia
62, 10.565, 91.098

Deuteranopia
62, 11.413, 46.265



Tritanopia
62, 6.768, 284.614

Trichromacy



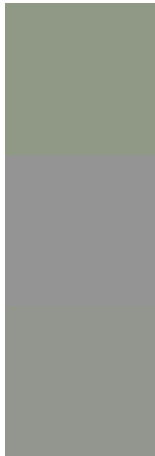
Original Color
62, 11.877, 128.507

Protanomaly
62, 10.603, 106.812

Deuteranomaly
62, 8.987, 73.436

Tritanomaly
62, 1.909, 199.461

Monochromacy



Original Color
62, 11.877, 128.507

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 4.232, 131.362

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 11.877, 128.507 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(143, 153, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 153, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 11.877, 128.507 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, 133) }
```

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

```
.border{ border-color:rgb(143, 153, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 153, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 153, 133);  
box-shadow:4px 4px 4px 4px rgb(143, 153,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 11.877, 128.507 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, 133) }
```

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

```
.background{ background-color: rgb(143,  
153, 133) }
```

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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