

Converting Colors

CIELCh(62, 12.116, 239.335)

Have a look what the booklet for
CIELCh(62, 12.116, 239.335)
contains.

CIELCh(62, 12.126, 239.353)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 12.126, 239.353)

Conversions

Conversions Part 1

Format	Color
Hex	7F9AA8
RGB	127, 154, 168
RGB Percent	50%, 60%, 66%
CMY	0.5024, 0.3965, 0.3416
CMYK	0.24, 0.08, 0.00, 0.34
HSL	200°, 19%, 58%
HSV	200°, 24%, 66%
XYZ	27.3320, 30.4025, 41.4200
YIQ	147.5230, -20.5860, -1.3700

Conversions

Conversions Part 2

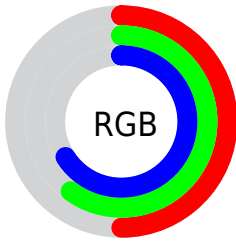
Format	Color
RYB	127, 143, 168
Decimal	8362664
CIELab	62.00, -6.18, -10.43
CIELCh	62, 12.126, 239.353
Yxy	30.4025, 0.2757, 0.3066
Android (android.graphics.Color)	4286552744 (0xFF7F9AA8)
YUV	147.5230, 10.0952, -17.9987
Hunter-Lab	55.1385, -8.0104, -5.9417

Details

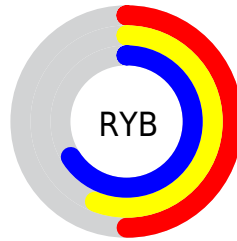
The CIELCh color `62, 12.126, 239.353` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `61, 13.777, 54.770`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 12.211, 239.709`, and `42, 12.064, 239.443` is the 20% darker color. If you saturate the color by 10%, you get `59, 16.676, 240.874`, and if you desaturate by 10%, it is `65, 7.311, 238.132`.

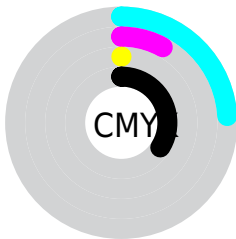
Distribution



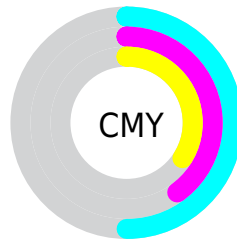
- Red (50%)
- Green (60%)
- Blue (66%)



- Red (50%)
- Yellow (56%)
- Blue (66%)



- Cyan (24%)
- Magenta (8%)
- Yellow (0%)
- Black (34%)





- Cyan (50%)
- Magenta (40%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 12.126, 239.353 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, 12.126, 239.353 by changing the saturation by 10% instead.


 62, 12.126,
239.353


 62, 12.126,
239.353


 100, 12.126,
239.353


 52, 12.126,
239.353


 82, 12.126,
239.353

 42, 12.126,
239.353

 92, 12.126,
239.353

 32, 12.126,
239.353

 22, 12.126,
239.353

 12, 12.126,
239.353

 2, 12.126, 239.353

 0, 12.126, 239.353

62, 12.126,
239.353

62, 12.126,
239.353

59, 16.676,
240.874

65, 7.311, 238.132

57, 20.911,
242.774

68, 2.282, 237.260

70, 2.914, 56.120

54, 24.788,
245.126

73, 8.237, 55.555

52, 28.285,
248.012

76, 13.652, 55.037

79, 19.130, 54.604

50, 31.408,
251.502

82, 24.646, 54.243

47, 34.213,
255.632

85, 28.073, 56.703

86, 28.219, 63.875

45, 36.809,
260.359

44, 38.279,

Harmonies

Complementary

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



62, 12.126, 239.353



61, 13.777, 54.770

Rectangle

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



62, 12.126, 239.353



62, 12.126, 289.353



62, 12.126, 59.353



62, 12.126, 109.353

Sweetspot

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



62, 12.126, 239.347



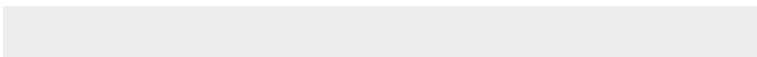
85, 4.471, 237.440



65, 21.841, 153.763



45, 2.898, 237.485



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, 12.126, 239.347



78, 17.682, 240.086



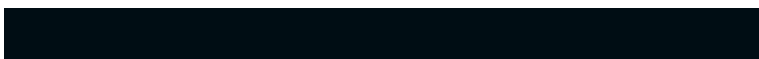
56, 19.624, 285.490



34, 2.903, 237.624



39, 34.655, 262.440



3, 5.496, 246.151

Inverse Universe

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



58, 21.976, 337.793



71, 32.451, 338.215



66, 18.984, 99.629



33, 5.059, 336.622



32, 60.184, 347.585



2, 8.663, 339.514

Previews

White Background



This preview shows how the CIELCh color 62, 12.126, 239.353 looks on a white background.

Color Contrast Check

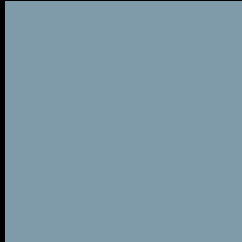
Large Text (above 18pt) WCAG AA × Fail

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, 12.126, 239.353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

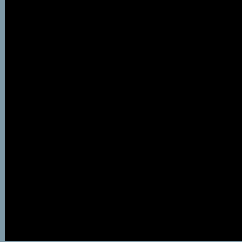
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

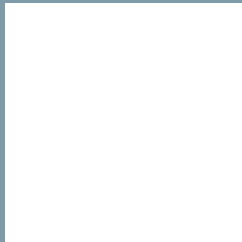
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 12.126, 239.353

Background



This preview shows how black text looks on a background with the CIELCh color 62, 12.126, 239.353.



This preview shows how white text looks on a background with the CIELCh color 62, 12.126, 239.353.

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, 12.126, 239.353

Protanopia
62, 8.994, 291.171

Deuteranopia
62, 13.943, 305.333



Tritanopia
62, 11.515, 234.701

Trichromacy



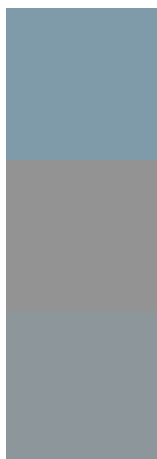
Original Color
62, 12.126, 239.353

Protanomaly
62, 9.093, 267.522

Deuteranomaly
62, 11.292, 284.032

Tritanomaly
62, 11.811, 237.086

Monochromacy



Original Color
62, 12.126, 239.353

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.634, 236.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 12.126, 239.353 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(127, 154, 168)` looks like.

```
.text, #text, p{  
    color:rgb(127, 154, 168)  
}
```

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(127, 154, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 154, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 12.126, 239.353 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(127, 154, 168) }
```

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

```
.border{ border-color:rgb(127, 154, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 154, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 154, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 154, 168);  
box-shadow:4px 4px 4px 4px rgb(127, 154,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 12.126, 239.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 154, 168) }
```

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

```
.background{ background-color: rgb(127,  
154, 168) }
```

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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