

Converting Colors

CIELCh(62, 13.096, 268.556)

Have a look what the booklet for
CIELCh(62, 13.096, 268.556)
contains.

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Color

CIELCh(62, 13.162, 269.433)

Conversions

Conversions Part 1

Format	Color
Hex	8997AD
RGB	137, 151, 173
RGB Percent	54%, 59%, 68%
CMY	0.4633, 0.4084, 0.3222
CMYK	0.21, 0.13, 0.00, 0.32
HSL	217°, 18%, 61%
HSV	217°, 21%, 68%
XYZ	28.8631, 30.4025, 43.8045
YIQ	149.3220, -15.4060, 3.8740

Conversions

Conversions Part 2

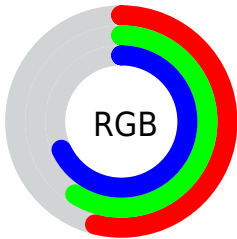
Format	Color
R _Y B	137, 147, 173
Decimal	9017261
CIE Lab	62.00, -0.13, -13.16
CIE LCh	62, 13.162, 269.433
Yxy	30.4025, 0.2800, 0.2950
Android (android.graphics.Color)	4287207341 (0xFF8997AD)
YUV	149.3220, 11.6733, -10.8064
Hunter-Lab	55.1385, -3.0537, -8.5057

Details

The CIELCh color `62, 13.162, 269.433` is a light color, and the websafe version is hex `999999`. A complement of this color would be `66, 13.415, 83.759`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 12.976, 269.664`, and `42, 13.402, 271.136` is the 20% darker color. If you saturate the color by 10%, you get `58, 19.554, 271.245`, and if you desaturate by 10%, it is `66, 6.816, 267.889`.

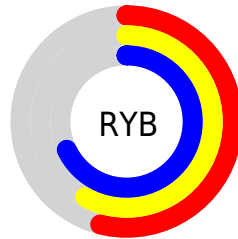
Distribution



Red (54%)

Green (59%)

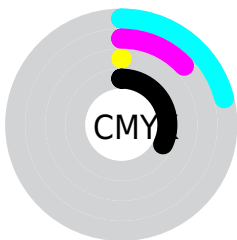
Blue (68%)



Red (54%)

Yellow (58%)

Blue (68%)

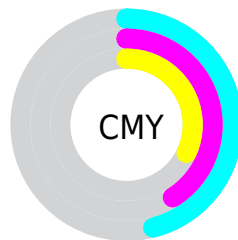


Cyan (21%)

Magenta (13%)

Yellow (0%)

Black (32%)



Cyan (46%)


Magenta (41%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 13.162, 269.433 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, 13.162, 269.433 by changing the saturation by 10% instead.


 62, 13.162,
269.433


 62, 13.162,
269.433


 100, 13.162,
269.433


 52, 13.162,
269.433


 82, 13.162,
269.433

 42, 13.162,
269.433

 92, 13.162,
269.433

 32, 13.162,
269.433

 22, 13.162,
269.433

 12, 13.162,
269.433

 2, 13.162, 269.433

 0, 13.162, 269.433

■ 62, 13.162,
269.433

■ 62, 13.162,
269.433

■ 58, 19.554,
271.245

■ 66, 6.816, 267.889

■ 54, 25.995,
273.378

■ 70, 0.523, 266.999

■ 74, 5.711, 85.320

■ 50, 32.493,
275.869

■ 79, 11.879, 84.344

■ 46, 39.072,
278.753

■ 83, 17.975, 83.478

■ 87, 23.994, 82.714

■ 42, 45.768,
282.034

■ 91, 29.427, 84.014

■ 38, 52.623,
285.663

■ 93, 32.867, 93.997

■ 35, 59.654,
289.519

■ 96, 37.092,
101.783

■ 32, 66.238,

292.977

Harmonies

Complementary

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



62, 13.162, 269.433



66, 13.415, 83.759

Rectangle

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



62, 13.162, 269.433



62, 13.162, 319.433



62, 13.162, 89.433



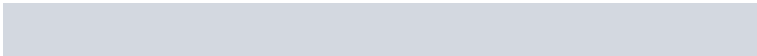
62, 13.162, 139.433

Sweetspot

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



62, 13.161, 269.429



86, 4.666, 267.262



68, 15.600, 167.515



45, 3.092, 267.340



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, 13.161, 269.429



76, 19.571, 270.231



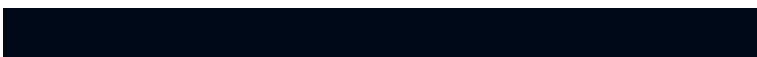
58, 20.539, 296.038



34, 3.573, 267.679



28, 59.097, 292.513



2, 8.102, 272.392

Inverse Universe

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



61, 16.143, 352.088



75, 24.096, 352.618



70, 19.599, 112.435



34, 4.327, 350.881



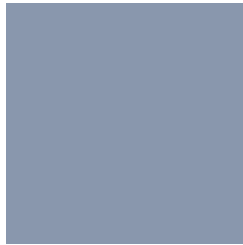
31, 57.226, 11.802



2, 8.636, 354.772

Previews

White Background



This preview shows how the CIELCh color 62, 13.162, 269.433 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, 13.162, 269.433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

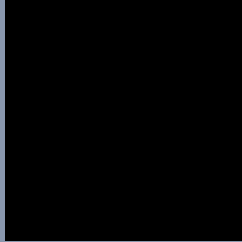
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

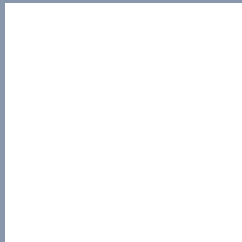
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 13.162, 269.433

Background



This preview shows how black text looks on a background with the CIELCh color 62, 13.162, 269.433.



This preview shows how white text looks on a background with the CIELCh color 62, 13.162, 269.433.

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

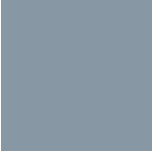
62, 13.162, 269.433

Protanopia

62, 12.930, 288.395

Deuteranopia

62, 15.992, 300.988



Tritanopia
62, 8.992, 247.752

Trichromacy



Original Color
62, 13.162, 269.433

Protanomaly
62, 13.043, 282.109

Deuteranomaly
62, 14.603, 290.365

Tritanomaly
62, 10.054, 256.215

Monochromacy



Original Color
62, 13.162, 269.433

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 4.833, 267.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 13.162, 269.433 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(137, 151, 173)` looks like.

```
.text, #text, p{  
    color:rgb(137, 151, 173)  
}
```

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(137, 151, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 151, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 13.162, 269.433 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(137, 151, 173) }
```

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

```
.border{ border-color:rgb(137, 151, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 151, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 151, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 151, 173);  
box-shadow:4px 4px 4px 4px rgb(137, 151,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 13.162, 269.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 151, 173) }
```

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

```
.background{ background-color: rgb(137,  
151, 173) }
```

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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