

Converting Colors

CIELCh(62, 13.572, 266.088)

Have a look what the booklet for
CIELCh(62, 13.572, 266.088)
contains.

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Color

CIELCh(62, 13.414, 266.681)

Conversions

Conversions Part 1

Format	Color
Hex	8797AD
RGB	135, 151, 173
RGB Percent	53%, 59%, 68%
CMY	0.4697, 0.4069, 0.3206
CMYK	0.22, 0.13, 0.00, 0.32
HSL	215°, 19%, 60%
HSV	215°, 22%, 68%
XYZ	28.6969, 30.4025, 44.0096
YIQ	148.7240, -16.5980, 3.4500

Conversions

Conversions Part 2

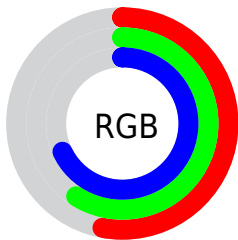
Format	Color
R _{YB}	135, 146, 173
Decimal	8886189
CIE _{Lab}	62.00, -0.78, -13.39
CIE _{LCh}	62, 13.414, 266.681
Yxy	30.4025, 0.2783, 0.2949
Android (android.graphics.Color)	4287076269 (0xFF8797AD)
YUV	148.7240, 11.9681, -12.0359
Hunter-Lab	55.1385, -3.5918, -8.7263

Details

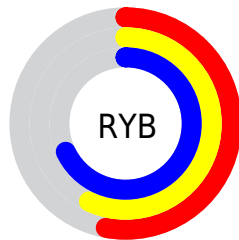
The CIELCh color $62, 13.414, 266.681$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 13.826, 80.652$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 13.218, 266.942$, and $42, 13.642, 268.342$ is the 20% darker color. If you saturate the color by 10%, you get $58, 19.547, 268.544$, and if you desaturate by 10%, it is $66, 7.290, 265.098$.

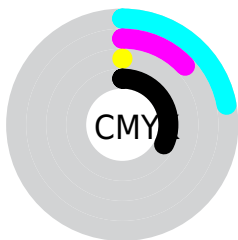
Distribution



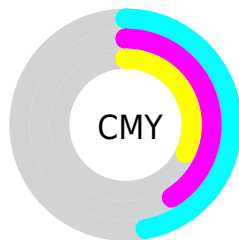
- Red (53%)
- Green (59%)
- Blue (68%)



- Red (53%)
- Yellow (57%)
- Blue (68%)



- Cyan (22%)
- Magenta (13%)
- Yellow (0%)
- Black (32%)





- Cyan (47%)
- Magenta (41%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 13.414, 266.681 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, 13.414, 266.681 by changing the saturation by 10% instead.


 62, 13.414,
266.681


 62, 13.414,
266.681


 100, 13.414,
266.681


 52, 13.414,
266.681


 82, 13.414,
266.681

 42, 13.414,
266.681

 92, 13.414,
266.681

 32, 13.414,
266.681

 22, 13.414,
266.681

 12, 13.414,
266.681

 2, 13.414, 266.681

 0, 13.414, 266.681

62, 13.414,
266.681

62, 13.414,
266.681

58, 19.547,
268.544

66, 7.290, 265.098

54, 25.687,
270.742

70, 1.188, 263.927

74, 4.884, 82.466

50, 31.841,
273.317

78, 10.915, 81.482

46, 38.028,
276.305

82, 16.896, 80.608

86, 22.817, 79.837

43, 44.288,
279.712

90, 28.376, 80.198

39, 50.672,
283.489

92, 31.305, 90.516

95, 35.059, 98.743

36, 57.220,
287.512

34, 62.633,

290.681

Harmonies

Complementary

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



62, 13.414, 266.681



66, 13.826, 80.652

Rectangle

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



62, 13.414, 266.681



62, 13.414, 316.681



62, 13.414, 86.681



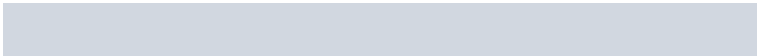
62, 13.414, 136.681

Sweetspot

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



62, 13.413, 266.677



86, 5.274, 264.439



68, 16.860, 165.423



45, 3.422, 264.512



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, 13.413, 266.677



76, 19.629, 267.482



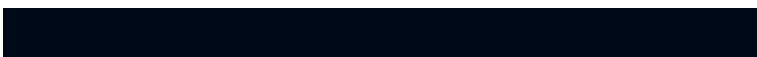
58, 21.700, 294.988



35, 3.459, 264.728



29, 55.785, 290.184



2, 7.884, 270.313

Inverse Universe

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



60, 17.369, 350.197



74, 25.519, 350.704



70, 20.640, 110.932



34, 4.412, 348.902



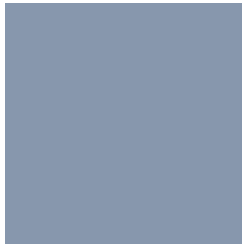
32, 56.997, 8.731



2, 8.768, 353.018

Previews

White Background



This preview shows how the CIELCh color 62, 13.414, 266.681 looks on a white background.

Color Contrast Check

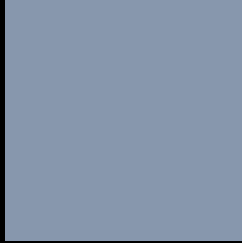
Large Text (above 18pt) WCAG AA × Fail

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, 13.414, 266.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

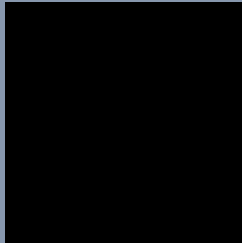
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

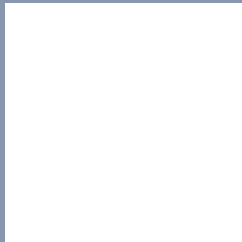
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 13.414, 266.681

Background



This preview shows how black text looks on a background with the CIELCh color 62, 13.414, 266.681.



This preview shows how white text looks on a background with the CIELCh color 62, 13.414, 266.681.

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, 13.414, 266.681

Protanopia

62, 12.930, 288.395

Deuteranopia

62, 15.936, 299.698



Tritanopia
62, 9.457, 244.547

Trichromacy



Original Color
62, 13.414, 266.681

Protanomaly
62, 13.097, 280.578

Deuteranomaly
62, 14.610, 288.967

Tritanomaly
62, 10.882, 254.964

Monochromacy



Original Color
62, 13.414, 266.681

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 4.981, 263.941

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 13.414, 266.681 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(135, 151, 173)` looks like.

```
.text, #text, p{  
    color:rgb(135, 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(135, 151, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 151, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 13.414, 266.681 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(135, 151, 173) }
```

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

```
.border{ border-color:rgb(135, 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(135, 151, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 151, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 151, 173);  
box-shadow:4px 4px 4px 4px rgb(135, 151,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 13.414, 266.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 151, 173) }
```

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

```
.background{ background-color: rgb(135,  
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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