

Converting Colors

CIELCh(62, 14.101, 259.014)

Have a look what the booklet for
CIELCh(62, 14.101, 259.014)
contains.

CIELCh(62, 14.137, 260.335)	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, 14.137, 260.335)

Conversions

Conversions Part 1

Format	Color
Hex	8398AE
RGB	131, 152, 174
RGB Percent	51%, 60%, 68%
CMY	0.4857, 0.4033, 0.3171
CMYK	0.25, 0.13, 0.00, 0.32
HSL	211°, 21%, 60%
HSV	211°, 25%, 68%
XYZ	28.2890, 30.4025, 44.4979
YIQ	148.2290, -19.5780, 2.3900

Conversions

Conversions Part 2

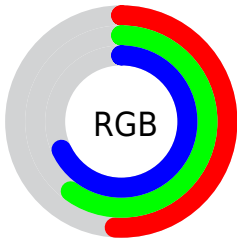
Format	Color
RYB	131, 145, 174
Decimal	8624302
CIELab	62.00, -2.37, -13.94
CIElCh	62, 14.137, 260.335
Yxy	30.4025, 0.2741, 0.2946
Android (android.graphics.Color)	4286814382 (0xFF8398AE)
YUV	148.2290, 12.7051, -15.1098
Hunter-Lab	55.1385, -4.9122, -9.2513

Details

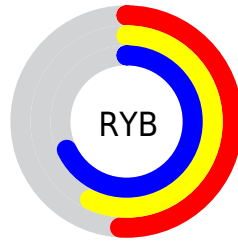
The CIELCh color **62, 14.137, 260.335** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 15.024, 73.609**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 13.921, 260.639**, and **42, 14.328, 261.906** is the 20% darker color. If you saturate the color by 10%, you get **58, 19.749, 262.288**, and if you desaturate by 10%, it is **66, 8.451, 258.690**.

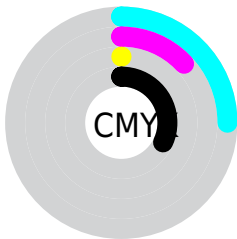
Distribution



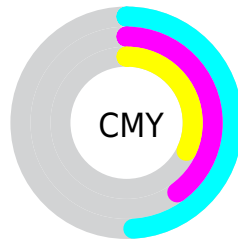
- Red (51%)
- Green (60%)
- Blue (68%)



- Red (51%)
- Yellow (57%)
- Blue (68%)



- Cyan (25%)
- Magenta (13%)
- Yellow (0%)
- Black (32%)





- Cyan (49%)
- Magenta (40%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 14.137, 260.335 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, 14.137, 260.335 by changing the saturation by 10% instead.


 62, 14.137,
260.335


 62, 14.137,
260.335


 100, 14.137,
260.335


 52, 14.137,
260.335


 82, 14.137,
260.335

 42, 14.137,
260.335

 92, 14.137,
260.335

 32, 14.137,
260.335

 22, 14.137,
260.335

 12, 14.137,
260.335

 2, 14.137, 260.335

 0, 14.137, 260.335

■ 62, 14.137,
260.335

■ 62, 14.137,
260.335

■ 58, 19.749,
262.288

■ 66, 8.451, 258.690

■ 55, 25.276,
264.611

■ 69, 2.712, 257.368

■ 73, 3.059, 75.949

■ 51, 30.713,
267.357

■ 77, 8.844, 74.996

■ 48, 36.078,
270.565

■ 81, 14.625, 74.129

■ 84, 20.389, 73.369

■ 45, 41.414,
274.246

■ 88, 26.123, 72.701

■ 41, 46.789,
278.348

■ 90, 28.447, 82.075

■ 93, 31.156, 91.128

■ 39, 52.283,
282.739

■ 37, 55.292,

284.984

Harmonies

Complementary

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



62, 14.137, 260.335



65, 15.024, 73.609

Rectangle

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



62, 14.137, 260.335



62, 14.137, 310.335



62, 14.137, 80.335



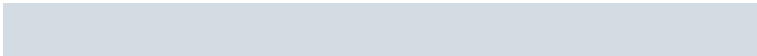
62, 14.137, 130.335

Sweetspot

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



62, 14.136, 260.331



87, 5.010, 257.648



68, 20.011, 161.467



46, 3.281, 257.720



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



62, 14.136, 260.331



76, 21.234, 261.432



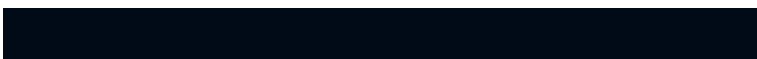
56, 24.636, 293.033



35, 3.252, 257.927



32, 49.065, 284.415



3, 7.454, 265.449

Inverse Universe

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



59, 20.480, 346.495



73, 30.955, 347.124



70, 23.262, 107.823



34, 4.607, 345.007



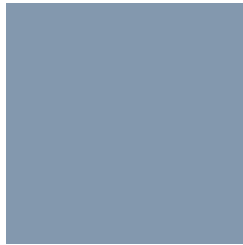
32, 57.140, 2.334



2, 9.077, 349.428

Previews

White Background



This preview shows how the CIELCh color 62, 14.137, 260.335 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, 14.137, 260.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

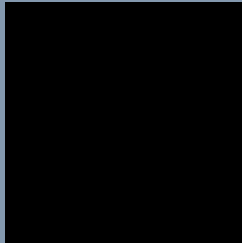
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

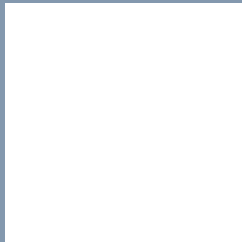
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 14.137, 260.335

Background



This preview shows how black text looks on a background with the CIELCh color 62, 14.137, 260.335.



This preview shows how white text looks on a background with the CIELCh color 62, 14.137, 260.335.

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, 14.137, 260.335

Protanopia
62, 13.490, 288.597

Deuteranopia
62, 16.492, 299.470



Tritanopia
62, 10.979, 236.787

Trichromacy



Original Color
62, 14.137, 260.335

Protanomaly
62, 13.217, 277.558

Deuteranomaly
62, 15.205, 286.472

Tritanomaly
62, 11.908, 248.120

Monochromacy



Original Color
62, 14.137, 260.335

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 5.339, 256.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 14.137, 260.335 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(131, 152, 174)` looks like.

```
.text, #text, p{  
    color:rgb(131, 152, 174)  
}
```

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(131, 152, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 152, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 14.137, 260.335 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(131, 152, 174) }
```

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

```
.border{ border-color:rgb(131, 152, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 152, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 152, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 152, 174);  
box-shadow:4px 4px 4px 4px rgb(131, 152,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 14.137, 260.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 152, 174) }
```

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

```
.background{ background-color: rgb(131,  
152, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor