

Converting Colors

CIELCh(62, 12.148, 256.752)

Have a look what the booklet for
CIELCh(62, 12.148, 256.752)
contains.

CIELCh(62, 11.960, 257.035)	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, 11.960, 257.035)

Conversions

Conversions Part 1

Format	Color
Hex	8598AA
RGB	133, 152, 170
RGB Percent	52%, 60%, 67%
CMY	0.4779, 0.4034, 0.3328
CMYK	0.22, 0.11, 0.00, 0.33
HSL	209°, 18%, 59%
HSV	209°, 22%, 67%
XYZ	28.2103, 30.4025, 42.4774
YIQ	148.3710, -17.1020, 1.5700

Conversions

Conversions Part 2

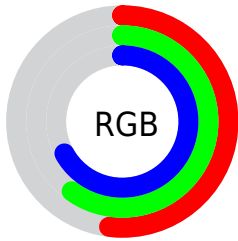
Format	Color
R_{YB}	133, 146, 170
Decimal	8755370
CIE _{Lab}	62.00, -2.68, -11.66
CIE _{LCh}	62, 11.960, 257.035
Yxy	30.4025, 0.2791, 0.3007
Android (android.graphics.Color)	4286945450 (0xFF8598AA)
YUV	148.3710, 10.6631, -13.4804
Hunter-Lab	55.1385, -5.1670, -7.0787

Details

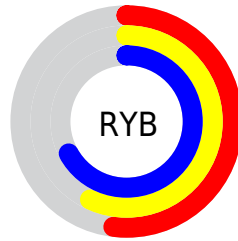
The CIELCh color `62, 11.960, 257.035` is a light color, and the websafe version is hex `999999`. A complement of this color would be `64, 12.721, 71.320`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 11.829, 257.805`, and `42, 12.017, 258.184` is the 20% darker color. If you saturate the color by 10%, you get `59, 17.319, 258.864`, and if you desaturate by 10%, it is `66, 6.504, 255.503`.

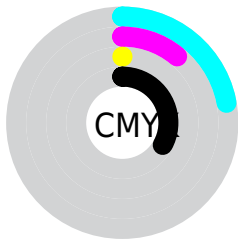
Distribution



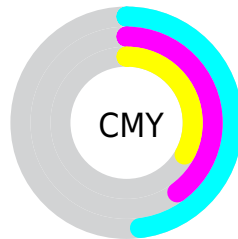
- Red (52%)
- Green (60%)
- Blue (67%)



- Red (52%)
- Yellow (57%)
- Blue (67%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)
- Black (33%)





- Cyan (48%)
- Magenta (40%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 11.960, 257.035 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, 11.960, 257.035 by changing the saturation by 10% instead.


 62, 11.960,
257.035


 62, 11.960,
257.035


 100, 11.960,
257.035


 52, 11.960,
257.035


 82, 11.960,
257.035

 42, 11.960,
257.035

 92, 11.960,
257.035

 32, 11.960,
257.035

 22, 11.960,
257.035

 12, 11.960,
257.035

 2, 11.960, 257.035

 0, 11.960, 257.035

62, 11.960,
257.035

62, 11.960,
257.035

59, 17.319,
258.864

66, 6.504, 255.503

69, 0.979, 254.486

55, 22.565,
261.055

73, 4.594, 72.958

52, 27.683,
263.660

76, 10.192, 72.049

49, 32.679,
266.731

80, 15.799, 71.242

83, 21.397, 70.538

45, 37.585,
270.298

87, 26.975, 69.920

42, 42.460,
274.339

89, 29.095, 78.011

91, 31.255, 86.684

40, 47.391,
278.755

37, 51.591,

Harmonies

Complementary

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



62, 11.960, 257.035



64, 12.721, 71.320

Rectangle

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



62, 11.960, 257.035



62, 11.960, 307.035



62, 11.960, 77.035



62, 11.960, 127.035

Sweetspot

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



62, 11.959, 257.030



85, 4.823, 254.904



67, 17.540, 160.902



45, 3.158, 254.973



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, 11.959, 257.030



77, 17.678, 257.855



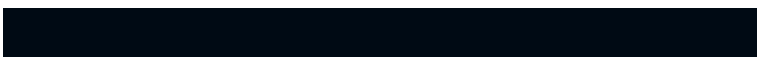
57, 20.790, 291.984



34, 3.110, 255.173



32, 46.031, 281.828



3, 6.039, 261.421

Inverse Universe

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



60, 17.942, 344.787



74, 26.696, 345.257



69, 19.813, 107.410



33, 4.571, 343.635



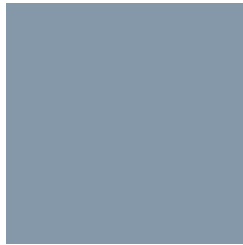
31, 56.701, 359.929



2, 7.861, 346.888

Previews

White Background



This preview shows how the CIELCh color 62, 11.960, 257.035 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, 11.960, 257.035 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

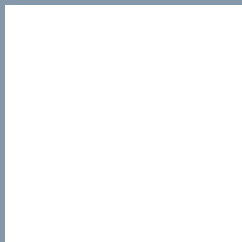
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 11.960, 257.035

Background



This preview shows how black text looks on a background with the CIELCh color 62, 11.960, 257.035.



This preview shows how white text looks on a background with the CIELCh color 62, 11.960, 257.035.

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, 11.960, 257.035

Protanopia

62, 11.239, 289.554

Deuteranopia

62, 14.407, 303.402



Tritanopia
62, 9.952, 241.685

Trichromacy



Original Color
62, 11.960, 257.035

Protanomaly
62, 10.979, 276.103

Deuteranomaly
62, 12.930, 288.395

Tritanomaly
62, 10.683, 246.499

Monochromacy



Original Color
62, 11.960, 257.035

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 4.680, 256.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 11.960, 257.035 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(133, 152, 170)` looks like.

```
.text, #text, p{  
    color:rgb(133, 152, 170)  
}
```

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(133, 152, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 152, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 11.960, 257.035 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(133, 152, 170) }
```

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

```
.border{ border-color:rgb(133, 152, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 152, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 152, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 152, 170);  
box-shadow:4px 4px 4px 4px rgb(133, 152,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 11.960, 257.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 152, 170) }
```

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

```
.background{ background-color: rgb(133,  
152, 170) }
```

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