

Converting Colors

CIELCh(62, 13.958, 249.896)

Have a look what the booklet for
CIELCh(62, 13.958, 249.896)
contains.

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Color

CIELCh(62, 14.143, 251.766)

Conversions

Conversions Part 1

Format	Color
Hex	7F99AD
RGB	127, 153, 173
RGB Percent	50%, 60%, 68%
CMY	0.5012, 0.3992, 0.3207
CMYK	0.27, 0.12, 0.00, 0.32
HSL	206°, 22%, 59%
HSV	206°, 27%, 68%
XYZ	27.7706, 30.4025, 44.0466
YIQ	147.5060, -21.9160, 0.7080

Conversions

Conversions Part 2

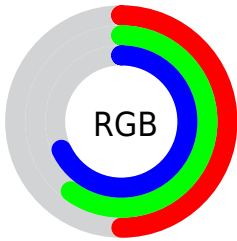
Format	Color
R_{YB}	127, 144, 173
Decimal	8362413
CIE _{Lab}	62.00, -4.43, -13.43
CIE _{LCh}	62, 14.143, 251.766
Yxy	30.4025, 0.2717, 0.2974
Android (android.graphics.Color)	4286552493 (0xFF7F99AD)
YUV	147.5060, 12.5685, -17.9838
Hunter-Lab	55.1385, -6.5905, -8.7660

Details

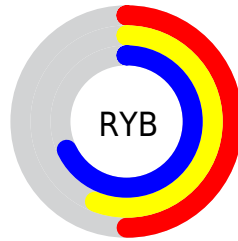
The CIELCh color $62, 14.143, 251.766$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $63, 15.644, 65.126$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 13.941, 252.292$, and $42, 14.224, 253.037$ is the 20% darker color. If you saturate the color by 10%, you get $59, 19.184, 253.687$, and if you desaturate by 10%, it is $65, 8.929, 250.173$.

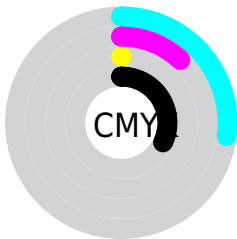
Distribution



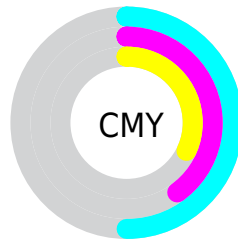
- Red (50%)
- Green (60%)
- Blue (68%)



- Red (50%)
- Yellow (56%)
- Blue (68%)



- Cyan (27%)
- Magenta (12%)
- Yellow (0%)
- Black (32%)





- Cyan (50%)
- Magenta (40%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 14.143, 251.766 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, 14.143, 251.766 by changing the saturation by 10% instead.


 62, 14.143,
251.766


 62, 14.143,
251.766


 100, 14.143,
251.766


 52, 14.143,
251.766


 82, 14.143,
251.766

 42, 14.143,
251.766

 92, 14.143,
251.766

 32, 14.143,
251.766

 22, 14.143,
251.766

 12, 14.143,
251.766

 2, 14.143, 251.766

 0, 14.143, 251.766

62, 14.143,
251.766

62, 14.143,
251.766

59, 19.184,
253.687

65, 8.929, 250.173

56, 24.026,
256.010

69, 3.577, 248.901

72, 1.881, 67.478

53, 28.650,
258.798

75, 7.414, 66.686

50, 33.064,
262.109

79, 12.997, 65.910

82, 18.606, 65.236

47, 37.308,
265.968

86, 24.225, 64.653

44, 41.461,
270.340

88, 26.853, 70.562

90, 28.280, 79.696

42, 45.641,
275.072

41, 47.130,

276.632

Harmonies

Complementary

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



62, 14.143, 251.766



63, 15.644, 65.126

Rectangle

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



62, 14.143, 251.766



62, 14.143, 301.766



62, 14.143, 71.766



62, 14.143, 121.766

Sweetspot

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



62, 14.142, 251.762



86, 5.374, 249.076



67, 22.546, 157.957



45, 3.808, 249.249



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, 14.142, 251.762



76, 20.854, 252.872



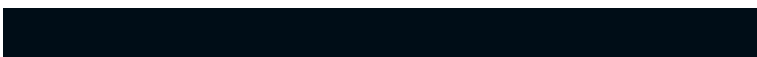
56, 24.634, 290.624



35, 3.079, 249.213



35, 42.069, 276.027



3, 7.002, 258.596

Inverse Universe

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



58, 23.047, 342.500



71, 34.305, 343.089



69, 23.351, 104.674



34, 4.855, 340.972



32, 58.288, 355.342



2, 9.510, 345.291

Previews

White Background



This preview shows how the CIELCh color 62, 14.143, 251.766 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, 14.143, 251.766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

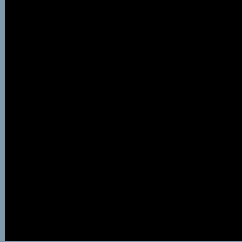
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

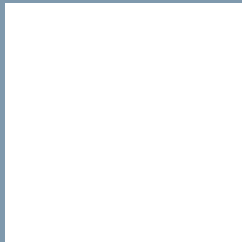
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 14.143, 251.766

Background



This preview shows how black text looks on a background with the CIELCh color 62, 14.143, 251.766.



This preview shows how white text looks on a background with the CIELCh color 62, 14.143, 251.766.

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, 14.143, 251.766

Protanopia

62, 12.370, 288.180

Deuteranopia

62, 16.492, 299.470



Tritanopia
62, 12.073, 236.094

Trichromacy



Original Color
62, 14.143, 251.766

Protanomaly
62, 12.325, 272.899

Deuteranomaly
62, 14.147, 283.027

Tritanomaly
62, 12.702, 240.486

Monochromacy



Original Color
62, 14.143, 251.766

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 5.356, 246.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 14.143, 251.766 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, 153, 173)` looks like.

```
.text, #text, p{  
    color:rgb(127, 153, 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(127, 153, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 153, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 14.143, 251.766 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, 153, 173) }
```

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

```
.border{ border-color:rgb(127, 153, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 153, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 153, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 153, 173);  
box-shadow:4px 4px 4px 4px rgb(127, 153,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 14.143, 251.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 153, 173) }
```

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

```
.background{ background-color: rgb(127,  
153, 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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