

Converting Colors

CIELCh(62, 10.789, 223.993)

Have a look what the booklet for
CIELCh(62, 10.789, 223.993)
contains.

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Color

CIELCh(62, 10.751, 226.838)

Conversions

Conversions Part 1

Format	Color
Hex	7F9AA3
RGB	127, 154, 163
RGB Percent	50%, 60%, 64%
CMY	0.5008, 0.3949, 0.3596
CMYK	0.22, 0.06, 0.00, 0.36
HSL	195°, 16%, 57%
HSV	195°, 22%, 64%
XYZ	27.0416, 30.4025, 39.2384
YIQ	146.9530, -18.9810, -2.9250

Conversions

Conversions Part 2

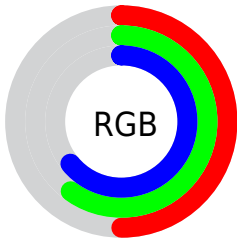
Format	Color
RYB	127, 142, 163
Decimal	8362659
CIELab	62.00, -7.35, -7.84
CIElCh	62, 10.751, 226.838
Yxy	30.4025, 0.2797, 0.3145
Android (android.graphics.Color)	4286552739 (0xFF7F9AA3)
YUV	146.9530, 7.9112, -17.4988
Hunter-Lab	55.1385, -8.9506, -3.5958

Details

The CIELCh color $62, 10.751, 226.838$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $59, 12.324, 44.561$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 10.848, 228.221$, and $42, 10.673, 225.520$ is the 20% darker color. If you saturate the color by 10%, you get $60, 15.143, 227.783$, and if you desaturate by 10%, it is $64, 6.032, 226.130$.

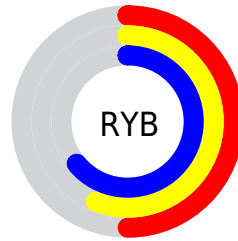
Distribution



Red (50%)

Green (60%)

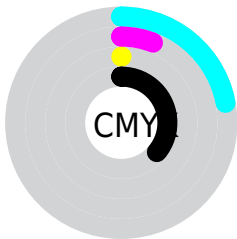
Blue (64%)



Red (50%)

Yellow (56%)

Blue (64%)

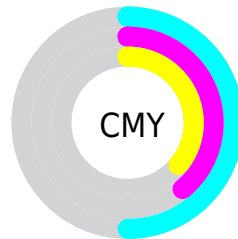


Cyan (22%)

Magenta (6%)

Yellow (0%)

Black (36%)



Cyan (50%)


Magenta (39%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 10.751, 226.838 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, 10.751, 226.838 by changing the saturation by 10% instead.


 62, 10.751,
226.838


 62, 10.751,
226.838


 100, 10.751,
226.838


 52, 10.751,
226.838


 82, 10.751,
226.838

 42, 10.751,
226.838

 92, 10.751,
226.838

 32, 10.751,
226.838

 22, 10.751,
226.838

 12, 10.751,
226.838

 2, 10.751, 226.838

 0, 10.751, 226.838

62, 10.751,
226.838

62, 10.751,
226.838

60, 15.143,
227.783

64, 6.032, 226.130

58, 19.141,
229.031

67, 1.051, 225.936

69, 4.136, 44.985

56, 22.679,
230.645

72, 9.477, 44.750

54, 25.705,
232.706

74, 14.933, 44.556

77, 20.468, 44.421

52, 28.191,
235.300

79, 26.055, 44.335

50, 30.150,
238.511

82, 30.548, 45.116

82, 30.064, 49.766

49, 31.654,
242.388

48, 32.696,

245.762

Harmonies

Complementary

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



62, 10.751, 226.838



59, 12.324, 44.561

Rectangle

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



62, 10.751, 226.838



62, 10.751, 276.838



62, 10.751, 46.838



62, 10.751, 96.838

Sweetspot

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



62, 10.751, 226.831



83, 4.378, 225.889



64, 20.791, 150.155



44, 2.864, 225.911



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 10.751, 226.831



77, 15.450, 227.219



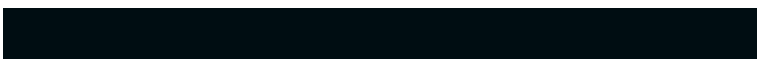
57, 15.349, 279.098



33, 2.849, 225.982



43, 29.942, 245.263



3, 4.478, 232.025

Inverse Universe

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



57, 20.661, 333.773



71, 30.103, 334.085



64, 15.180, 93.452



32, 5.264, 332.896



32, 62.998, 341.043



1, 7.829, 334.432

Previews

White Background



This preview shows how the CIELCh color 62, 10.751, 226.838 looks on a white background.

Color Contrast Check

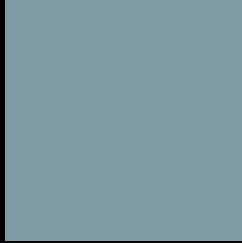
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 10.751, 226.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

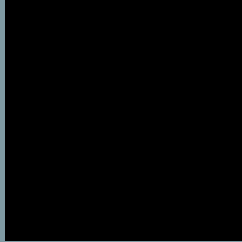
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

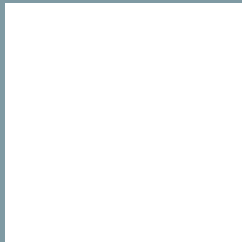
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 10.751, 226.838

Background



This preview shows how black text looks on a background with the CIELCh color 62, 10.751, 226.838.



This preview shows how white text looks on a background with the CIELCh color 62, 10.751, 226.838.

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, 10.751, 226.838

Protanopia
62, 6.178, 290.864

Deuteranopia
62, 12.165, 312.975



Tritanopia
62, 11.246, 235.717

Trichromacy



Original Color
62, 10.751, 226.838

Protanomaly
62, 6.643, 257.087

Deuteranomaly
62, 9.012, 286.486

Tritanomaly
62, 10.960, 233.182

Monochromacy



Original Color
62, 10.751, 226.838

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.094, 223.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 10.751, 226.838 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, 154, 163)` looks like.

```
.text, #text, p{  
    color:rgb(127, 154, 163)  
}
```

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, 154, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 154, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 10.751, 226.838 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, 154, 163) }
```

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

```
.border{ border-color:rgb(127, 154, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 154, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 154, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 154, 163);  
box-shadow:4px 4px 4px 4px rgb(127, 154,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 10.751, 226.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 154, 163) }
```

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

```
.background{ background-color: rgb(127,  
154, 163) }
```

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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