

Converting Colors

CIELCh(62, 16.127, 269.612)

Have a look what the booklet for
CIELCh(62, 16.127, 269.612)
contains.

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Color

CIELCh(62, 16.187, 269.225)

Conversions

Conversions Part 1

Format	Color
Hex	8597B2
RGB	133, 151, 178
RGB Percent	52%, 59%, 70%
CMY	0.4778, 0.4072, 0.3013
CMYK	0.25, 0.15, 0.00, 0.30
HSL	216°, 23%, 61%
HSV	216°, 25%, 70%
XYZ	28.8403, 30.4025, 46.5517
YIQ	148.6960, -19.3950, 4.5810

Conversions

Conversions Part 2

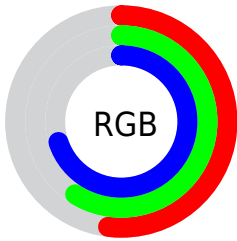
Format	Color
RYB	133, 146, 178
Decimal	8755122
CIELab	62.00, -0.22, -16.19
CIELCh	62, 16.187, 269.225
Yxy	30.4025, 0.2726, 0.2874
Android (android.graphics.Color)	4286945202 (0xFF8597B2)
YUV	148.6960, 14.4469, -13.7654
Hunter-Lab	55.1385, -3.1276, -11.4597

Details

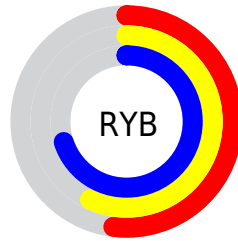
The CIELCh color $62, 16.187, 269.225$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $67, 16.643, 82.170$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 16.347, 269.899$, and $42, 16.172, 269.081$ is the 20% darker color. If you saturate the color by 10%, you get $58, 22.656, 271.188$, and if you desaturate by 10%, it is $66, 9.750, 267.553$.

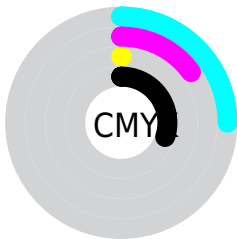
Distribution



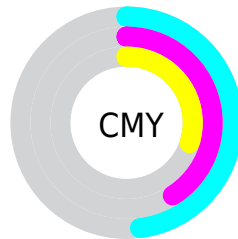
- Red (52%)
- Green (59%)
- Blue (70%)



- Red (52%)
- Yellow (57%)
- Blue (70%)



- Cyan (25%)
- Magenta (15%)
- Yellow (0%)
- Black (30%)





- Cyan (48%)
- Magenta (41%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 16.187, 269.225 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, 16.187, 269.225 by changing the saturation by 10% instead.


 62, 16.187,
269.225


 62, 16.187,
269.225


 100, 16.187,
269.225


 52, 16.187,
269.225


 82, 16.187,
269.225

 42, 16.187,
269.225

 92, 16.187,
269.225

 32, 16.187,
269.225

 22, 16.187,
269.225

 12, 16.187,
269.225

 2, 16.187, 269.225

 0, 16.187, 269.225

62, 16.187,
269.225

62, 16.187,
269.225

58, 22.656,
271.188

66, 9.750, 267.553

54, 29.164,
273.494

70, 3.354, 266.168

50, 35.723,
276.184

75, 2.995, 84.766

46, 42.363,
279.282

79, 9.288, 83.759

42, 49.127,
282.773

83, 15.518, 82.843

38, 56.058,
286.579

87, 21.677, 82.035

35, 63.161,
290.540

91, 27.243, 83.440

33, 66.587,

94, 30.743, 94.311

97, 35.096,
102.601

Harmonies

Complementary

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



62, 16.187, 269.225



67, 16.643, 82.170

Rectangle

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



62, 16.187, 269.225



62, 16.187, 319.225



62, 16.187, 89.225



62, 16.187, 139.225

Sweetspot

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



62, 16.186, 269.222



88, 6.325, 266.531



69, 19.566, 166.047



46, 4.532, 266.733



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



62, 16.186, 269.222



76, 23.864, 270.216



57, 25.754, 295.968



36, 3.618, 266.690



29, 58.760, 291.800



3, 9.589, 273.033

Inverse Universe

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



60, 20.297, 351.897



74, 30.022, 352.535



71, 24.293, 111.359



35, 4.462, 350.195



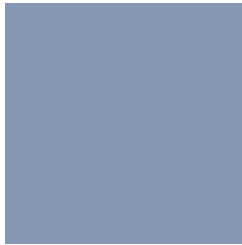
32, 57.840, 10.829



2, 10.088, 355.343

Previews

White Background



This preview shows how the CIELCh color 62, 16.187, 269.225 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, 16.187, 269.225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

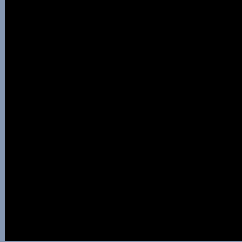
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

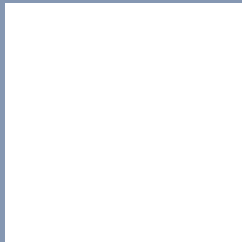
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 16.187, 269.225

Background



This preview shows how black text looks on a background with the CIELCh color 62, 16.187, 269.225.



This preview shows how white text looks on a background with the CIELCh color 62, 16.187, 269.225.

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

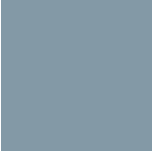
62, 16.187, 269.225

Protanopia

62, 15.763, 286.737

Deuteranopia

62, 18.642, 296.552



Tritanopia
62, 10.552, 242.846

Trichromacy



Original Color
62, 16.187, 269.225

Protanomaly
62, 15.954, 280.476

Deuteranomaly
62, 17.437, 287.452

Tritanomaly
62, 12.144, 255.672

Monochromacy



Original Color
62, 16.187, 269.225

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 6.137, 265.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 16.187, 269.225 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, 151, 178)` looks like.

```
.text, #text, p{  
    color:rgb(133, 151, 178)  
}
```

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, 151, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 151, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 16.187, 269.225 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, 151, 178) }
```

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

```
.border{ border-color:rgb(133, 151, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 151, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 151, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 151, 178);  
box-shadow:4px 4px 4px 4px rgb(133, 151,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 16.187, 269.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 151, 178) }
```

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

```
.background{ background-color: rgb(133,  
151, 178) }
```

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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