

Converting Colors

CIELCh(62, 9.846, 216.093)

Have a look what the booklet for
CIELCh(62, 9.846, 216.093) contains.

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Color

CIELCh(62, 9.886, 218.666)

Conversions

Conversions Part 1

Format	Color
Hex	809AA0
RGB	128, 154, 160
RGB Percent	50%, 60%, 63%
CMY	0.4966, 0.3946, 0.3711
CMYK	0.20, 0.04, 0.00, 0.37
HSL	191°, 14%, 57%
HSV	191°, 20%, 63%
XYZ	26.9517, 30.4025, 37.8770
YIQ	146.9100, -17.4220, -3.6460

Conversions

Conversions Part 2

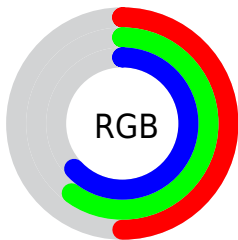
Format	Color
RYB	128, 142, 160
Decimal	8428192
CIELab	62.00, -7.72, -6.18
CIElCh	62, 9.886, 218.666
Yxy	30.4025, 0.2830, 0.3192
Android (android.graphics.Color)	4286618272 (0xFF809AA0)
YUV	146.9100, 6.4534, -16.5841
Hunter-Lab	55.1385, -9.2415, -2.1319

Details

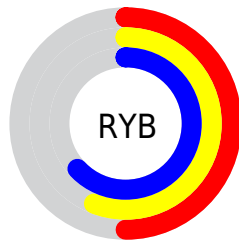
The CIELCh color $62, 9.886, 218.666$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $58, 11.257, 37.839$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 9.962, 220.789$, and $42, 9.990, 219.812$ is the 20% darker color. If you saturate the color by 10%, you get $60, 14.352, 219.175$, and if you desaturate by 10%, it is $64, 5.072, 218.343$.

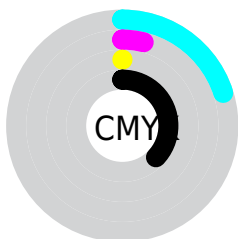
Distribution



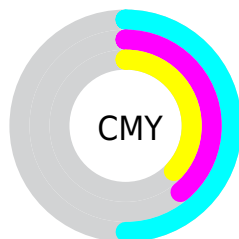
- Red (50%)
- Green (60%)
- Blue (63%)



- Red (50%)
- Yellow (56%)
- Blue (63%)



- Cyan (20%)
- Magenta (4%)
- Yellow (0%)
- Black (37%)



- Cyan (50%)
- Magenta (39%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 9.886, 218.666 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, 9.886, 218.666 by changing the saturation by 10% instead.

■ 62, 9.886, 218.666

■ 62, 9.886, 218.666

■ 100, 9.886,
218.666

■ 52, 9.886, 218.666

■ 82, 9.886, 218.666

■ 42, 9.886, 218.666

■ 92, 9.886, 218.666

■ 32, 9.886, 218.666

■ 22, 9.886, 218.666

■ 12, 9.886, 218.666

■ 2, 9.886, 218.666

■ 0, 9.886, 218.666

■ 62, 9.886, 218.666

■ 62, 9.886, 218.666

■ 60, 14.352,

■ 64, 5.072, 218.343

219.175

66, 0.021, 15.693

58, 18.394,
219.917

68, 5.326, 37.821

57, 21.935,
220.934

70, 10.792, 37.828

55, 24.908,
222.289

73, 16.375, 37.866

54, 27.266,
224.054

75, 22.037, 37.945

52, 28.996,
226.306

77, 27.750, 38.055

51, 30.134,
229.114

80, 32.825, 38.485

50, 30.880,
232.374

50, 30.883,
232.387

Harmonies

Complementary

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



62, 9.886, 218.666



58, 11.257, 37.839

Rectangle

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



62, 9.886, 218.666



62, 9.886, 268.666



62, 9.886, 38.666



62, 9.886, 88.666

Sweetspot

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



62, 9.886, 218.658



82, 3.828, 218.299



63, 19.231, 148.606



43, 2.531, 218.300



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 9.886, 218.658



78, 14.545, 218.865



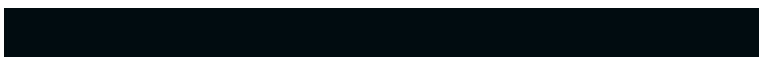
58, 12.882, 275.192



32, 2.851, 218.330



45, 28.353, 231.989



3, 3.755, 221.700

Inverse Universe

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



57, 19.242, 331.304



71, 28.737, 331.593



62, 12.887, 89.971



31, 5.360, 330.620



32, 65.055, 337.176



1, 6.815, 331.193

Previews

White Background



This preview shows how the CIELCh color 62, 9.886, 218.666 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, 9.886, 218.666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

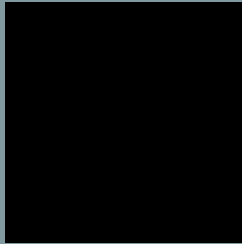
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

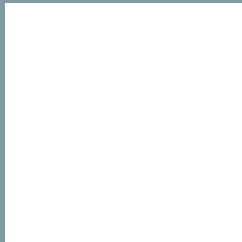
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 9.886, 218.666

Background



This preview shows how black text looks on a background with the CIELCh color 62, 9.886, 218.666.



This preview shows how white text looks on a background with the CIELCh color 62, 9.886, 218.666.

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, 9.886, 218.666

Protanopia

62, 4.516, 295.482

Deuteranopia

62, 10.794, 318.172



Tritanopia
62, 10.979, 236.787

Trichromacy



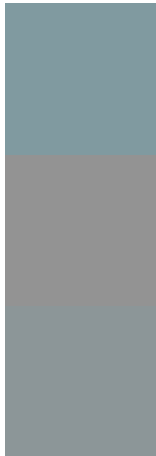
Original Color
62, 9.886, 218.666

Protanomaly
62, 5.110, 249.628

Deuteranomaly
62, 7.313, 288.075

Tritanomaly
62, 10.410, 231.518

Monochromacy



Original Color
62, 9.886, 218.666

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 3.918, 215.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 9.886, 218.666 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(128, 154, 160)` looks like.

```
.text, #text, p{  
    color:rgb(128, 154, 160)  
}
```

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(128, 154, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 154, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 9.886, 218.666 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(128, 154, 160) }
```

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

```
.border{ border-color:rgb(128, 154, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 154, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 154, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 154, 160);  
box-shadow:4px 4px 4px 4px rgb(128, 154,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 9.886, 218.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 154, 160) }
```

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

```
.background{ background-color: rgb(128,  
154, 160) }
```

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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