

Converting Colors

CIELCh(62, 9.685, 216.248)

Have a look what the booklet for
CIELCh(62, 9.685, 216.248) contains.

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Color

CIELCh(62, 9.565, 219.393)

Conversions

Conversions Part 1

Format	Color
Hex	819AA0
RGB	129, 154, 160
RGB Percent	51%, 60%, 63%
CMY	0.4934, 0.3953, 0.3718
CMYK	0.19, 0.04, 0.00, 0.37
HSL	192°, 14%, 57%
HSV	192°, 19%, 63%
XYZ	27.0323, 30.4025, 37.7912
YIQ	147.2090, -16.8260, -3.4340

Conversions

Conversions Part 2

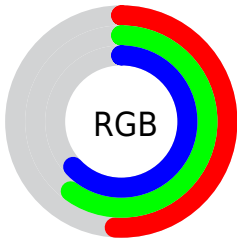
Format	Color
R_{YB}	129, 143, 160
Decimal	8493728
CIE _{Lab}	62.00, -7.39, -6.07
CIE _{LCh}	62, 9.565, 219.393
Yxy	30.4025, 0.2839, 0.3193
Android (android.graphics.Color)	4286683808 (0xFF819AA0)
YUV	147.2090, 6.3060, -15.9693
Hunter-Lab	55.1385, -8.9806, -2.0397

Details

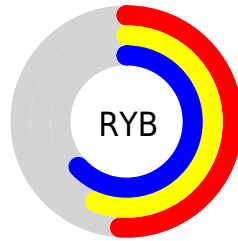
The CIELCh color $62, 9.565, 219.393$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $58, 10.839, 38.473$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 9.654, 221.547$, and $42, 9.668, 220.594$ is the 20% darker color. If you saturate the color by 10%, you get $60, 14.039, 219.926$, and if you desaturate by 10%, it is $64, 4.751, 219.052$.

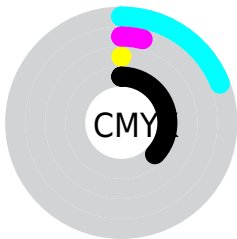
Distribution



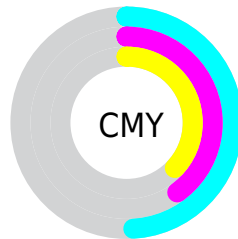
- Red (51%)
- Green (60%)
- Blue (63%)



- Red (51%)
- Yellow (56%)
- Blue (63%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (37%)



- Cyan (49%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 9.565, 219.393 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, 9.565, 219.393 by changing the saturation by 10% instead.

■ 62, 9.565, 219.393

■ 62, 9.565, 219.393

■ 100, 9.565,
219.393

■ 52, 9.565, 219.393

■ 82, 9.565, 219.393

■ 42, 9.565, 219.393

■ 92, 9.565, 219.393

■ 32, 9.565, 219.393

■ 22, 9.565, 219.393

■ 12, 9.565, 219.393

■ 2, 9.565, 219.393

■ 0, 9.565, 219.393

■ 62, 9.565, 219.393

■ 62, 9.565, 219.393

■ 60, 14.039,

■ 64, 4.751, 219.052

219.926

66, 0.334, 37.324

58, 18.099,
220.695

68, 5.627, 38.488

57, 21.668,
221.743

70, 11.076, 38.472

55, 24.679,
223.135

73, 16.639, 38.492

54, 27.085,
224.944

75, 22.278, 38.553

52, 28.872,
227.248

77, 27.966, 38.647

51, 30.073,
230.119

80, 32.745, 39.203

50, 30.869,
233.475

50, 30.921,
233.691

Harmonies

Complementary

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



62, 9.565, 219.393



58, 10.839, 38.473

Rectangle

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



62, 9.565, 219.393



62, 9.565, 269.393



62, 9.565, 39.393



62, 9.565, 89.393

Sweetspot

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



62, 9.565, 219.385



82, 3.816, 219.009



63, 18.629, 148.654



43, 2.522, 219.012



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, 9.565, 219.385



78, 13.943, 219.581



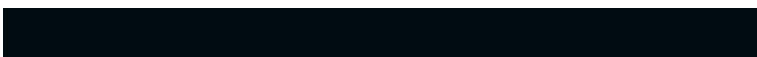
58, 12.474, 275.097



32, 2.842, 219.049



45, 28.405, 233.285



3, 3.744, 222.475

Inverse Universe

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



58, 18.560, 331.479



72, 27.422, 331.744



63, 12.478, 90.048



31, 5.337, 330.831



32, 64.766, 337.527



1, 6.783, 331.429

Previews

White Background



This preview shows how the CIELCh color 62, 9.565, 219.393 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, 9.565, 219.393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

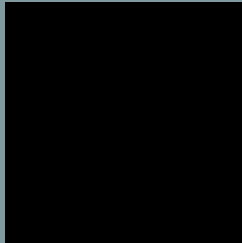
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

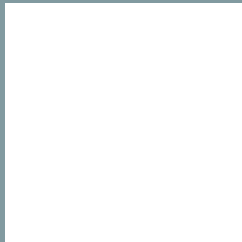
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 9.565, 219.393

Background



This preview shows how black text looks on a background with the CIELCh color 62, 9.565, 219.393.

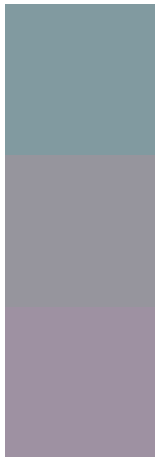


This preview shows how white text looks on a background with the CIELCh color 62, 9.565, 219.393.

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

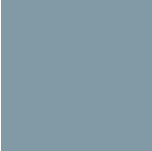
62, 9.565, 219.393

Protanopia

62, 4.516, 295.482

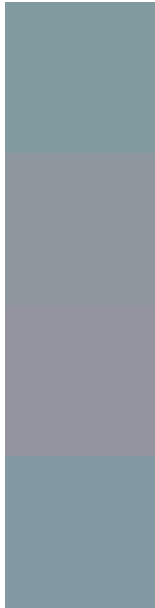
Deuteranopia

62, 10.794, 318.172



Tritanopia
62, 10.799, 241.582

Trichromacy



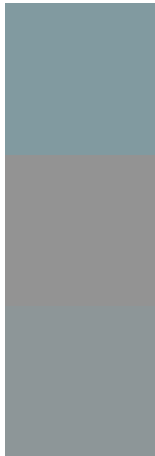
Original Color
62, 9.565, 219.393

Protanomaly
62, 5.110, 249.628

Deuteranomaly
62, 7.309, 290.990

Tritanomaly
62, 10.147, 236.492

Monochromacy



Original Color
62, 9.565, 219.393

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 3.563, 217.643

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 9.565, 219.393 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(129, 154, 160)` looks like.

```
.text, #text, p{  
    color:rgb(129, 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(129, 154, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 154, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 9.565, 219.393 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(129, 154, 160) }
```

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

```
.border{ border-color:rgb(129, 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(129, 154, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 154, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 154, 160);  
box-shadow:4px 4px 4px 4px rgb(129, 154,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 9.565, 219.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 154, 160) }
```

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

```
.background{ background-color: rgb(129,  
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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