

Converting Colors

CIELCh(62, 7.421, 203.142)

Have a look what the booklet for
CIELCh(62, 7.421, 203.142) contains.

CIELCh(62, 7.421, 203.142)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 7.421, 203.142)

Conversions

Conversions Part 1

Format	Color
Hex	869A9B
RGB	134, 154, 155
RGB Percent	53%, 60%, 61%
CMY	0.4757, 0.3973, 0.3934
CMYK	0.14, 0.01, 0.00, 0.39
HSL	183°, 9%, 57%
HSV	183°, 14%, 61%
XYZ	27.1727, 30.4025, 35.3040
YIQ	148.1340, -12.2410, -3.9290

Conversions

Conversions Part 2

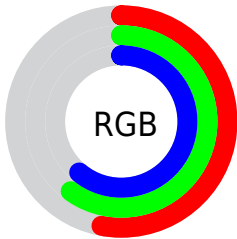
Format	Color
RYB	134, 144, 155
Decimal	8821403
CIELab	62.00, -6.82, -2.92
CIELCh	62, 7.421, 203.142
Yxy	30.4025, 0.2926, 0.3273
Android (android.graphics.Color)	4287011483 (0xFF869A9B)
YUV	148.1340, 3.3849, -12.3955
Hunter-Lab	55.1385, -8.5263, 0.6349

Details

The CIELCh color $62, 7.421, 203.142$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 8.092, 24.166$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 7.427, 203.044$, and $42, 7.469, 203.210$ is the 20% darker color. If you saturate the color by 10%, you get $61, 12.500, 202.816$, and if you desaturate by 10%, it is $63, 2.002, 203.651$.

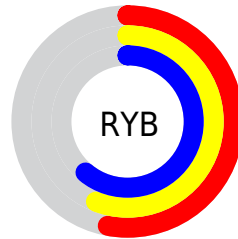
Distribution



Red (53%)

Green (60%)

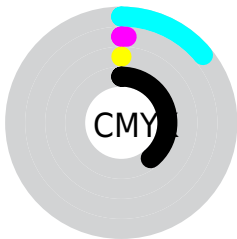
Blue (61%)



Red (53%)

Yellow (56%)

Blue (61%)

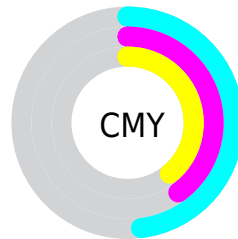


Cyan (14%)

Magenta (1%)

Yellow (0%)

Black (39%)



Cyan (48%)

Magenta (40%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 7.421, 203.142 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, 7.421, 203.142 by changing the saturation by 10% instead.

■ 62, 7.421, 203.142

■ 62, 7.421, 203.142

■ 100, 7.421,
203.142

■ 52, 7.421, 203.142

■ 82, 7.421, 203.142

■ 42, 7.421, 203.142

■ 92, 7.421, 203.142

■ 32, 7.421, 203.142

■ 22, 7.421, 203.142

■ 12, 7.421, 203.142

■ 2, 7.421, 203.142

■ 0, 7.421, 203.142

■ 62, 7.421, 203.142

■ 62, 7.421, 203.142

■ 61, 12.500,

■ 63, 2.002, 203.651

202.816

65, 3.679, 23.696

60, 17.150,
202.592

66, 9.552, 24.211

59, 21.286,
202.463

68, 15.557, 24.694

58, 24.823,
202.441

70, 21.645, 25.186

57, 27.695,
202.544

74, 33.923, 26.190

56, 29.861,
202.784

75, 39.060, 26.699

75, 38.821, 27.243

56, 31.314,
203.175

56, 32.094,
203.726

55, 32.402,
204.128

Harmonies

Complementary

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



62, 7.421, 203.142



58, 8.092, 24.166

Rectangle

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



62, 7.421, 203.142



62, 7.421, 253.142



62, 7.421, 23.142



62, 7.421, 73.142

Sweetspot

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



62, 7.422, 203.132



80, 2.778, 203.603



62, 14.083, 144.543



43, 1.987, 203.547



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



62, 7.422, 203.132



78, 10.767, 203.035



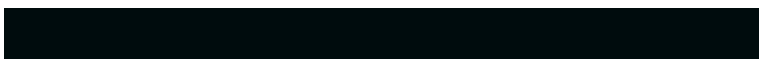
59, 7.229, 260.795



32, 3.099, 203.306



50, 30.180, 204.058



3, 3.411, 204.122

Inverse Universe

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



58, 13.965, 326.465



73, 20.441, 326.619



61, 7.420, 77.243



30, 5.751, 326.218



32, 71.419, 330.170



1, 6.157, 325.903

Previews

White Background



This preview shows how the CIELCh color 62, 7.421, 203.142 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, 7.421, 203.142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

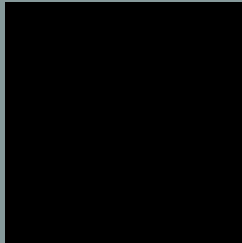
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

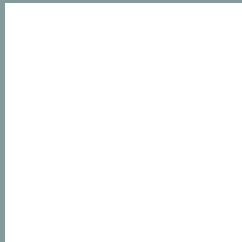
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 7.421, 203.142

Background



This preview shows how black text looks on a background with the CIELCh color 62, 7.421, 203.142.



This preview shows how white text looks on a background with the CIELCh color 62, 7.421, 203.142.

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, 7.421, 203.142

Protanopia

62, 1.865, 314.674

Deuteranopia

62, 8.751, 335.436



Tritanopia
62, 8.992, 247.752

Trichromacy



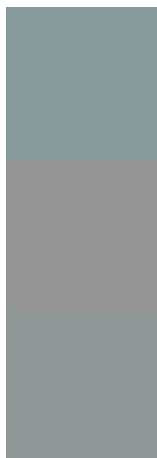
Original Color
62, 7.421, 203.142

Protanomaly
62, 2.521, 225.836

Deuteranomaly
62, 4.657, 304.831

Tritanomaly
62, 7.857, 233.910

Monochromacy



Original Color
62, 7.421, 203.142

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 2.668, 199.321

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 7.421, 203.142 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(134, 154, 155)` looks like.

```
.text, #text, p{  
    color:rgb(134, 154, 155)  
}
```

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(134, 154, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 154, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 7.421, 203.142 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(134, 154, 155) }
```

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

```
.border{ border-color:rgb(134, 154, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 154, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 154, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 154, 155);  
box-shadow:4px 4px 4px 4px rgb(134, 154,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 7.421, 203.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 154, 155) }
```

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

```
.background{ background-color: rgb(134,  
154, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor