

Converting Colors

CIELCh(62, 7.746, 328.985)

Have a look what the booklet for
CIELCh(62, 7.746, 328.985) contains.

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Color

CIELCh(62, 7.969, 329.415)

Conversions

Conversions Part 1

Format	Color
Hex	9F929D
RGB	159, 146, 157
RGB Percent	62%, 57%, 62%
CMY	0.3761, 0.4271, 0.3840
CMYK	0.00, 0.08, 0.01, 0.38
HSL	309°, 6%, 60%
HSV	309°, 8%, 62%
XYZ	30.7020, 30.4025, 36.1886
YIQ	151.1410, 4.2170, 6.1770

Conversions

Conversions Part 2

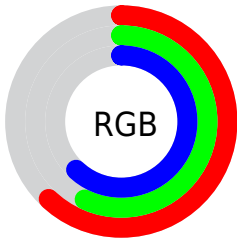
Format	Color
R_{YB}	159, 146, 157
Decimal	10457757
CIE _{Lab}	62.00, 6.86, -4.05
CIE _{LCh}	62, 7.969, 329.415
Yxy	30.4025, 0.3156, 0.3125
Android (android.graphics.Color)	4288647837 (0xFF9F929D)
YUV	151.1410, 2.8885, 6.8923
Hunter-Lab	55.1385, 2.8992, -0.3164

Details

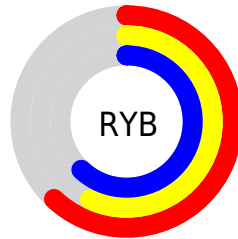
The CIELCh color $62, 7.969, 329.415$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 7.946, 148.501$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 8.176, 328.961$, and $42, 7.829, 330.001$ is the 20% darker color. If you saturate the color by 10%, you get $58, 17.807, 330.033$, and if you desaturate by 10%, it is $66, 1.759, 149.008$.

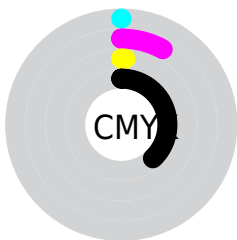
Distribution



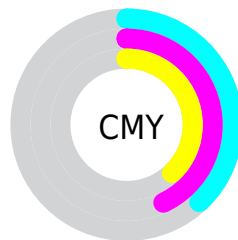
- Red (62%)
- Green (57%)
- Blue (62%)



- Red (62%)
- Yellow (57%)
- Blue (62%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (38%)



- Cyan (38%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 7.969, 329.415 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, 7.969, 329.415 by changing the saturation by 10% instead.

62, 7.969, 329.415

62, 7.969, 329.415

100, 7.969,
329.415

52, 7.969, 329.415

82, 7.969, 329.415

42, 7.969, 329.415

92, 7.969, 329.415

32, 7.969, 329.415

22, 7.969, 329.415

12, 7.969, 329.415

2, 7.969, 329.415

0, 7.969, 329.415

62, 7.969, 329.415

62, 7.969, 329.415

58, 17.807,

66, 1.759, 149.008

330.033

71, 11.287,
148.329

54, 27.626,
330.651

75, 20.569,
147.783

50, 37.225,
331.276

80, 29.583,
147.269

46, 46.324,
331.906

84, 38.320,
146.783

43, 54.569,
332.540

89, 46.787,
146.323

41, 61.552,
333.179

93, 53.589,
146.079

39, 66.879,
333.832

93, 52.602,
146.895

37, 70.267,
334.516

93, 51.621,
147.739

36, 71.867,
335.248

Harmonies

Complementary

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



62, 7.969, 329.415



64, 7.946, 148.501

Rectangle

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



62, 7.969, 329.415



62, 7.969, 19.415



62, 7.969, 149.415



62, 7.969, 199.415

Sweetspot

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



62, 7.967, 329.416



82, 2.406, 328.963



61, 7.372, 296.679



44, 1.379, 328.948



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, 7.967, 329.416



78, 12.076, 329.542



62, 5.680, 353.264



31, 5.489, 329.483



32, 66.703, 335.305



1, 6.998, 329.904

Inverse Universe

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



62, 7.967, 329.416



78, 12.076, 329.542



64, 5.569, 171.932



31, 5.489, 329.483



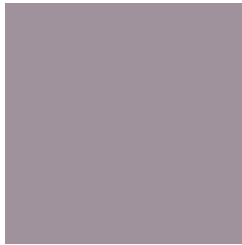
32, 66.703, 335.305



1, 6.998, 329.904

Previews

White Background



This preview shows how the CIELCh color 62, 7.969, 329.415 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, 7.969, 329.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

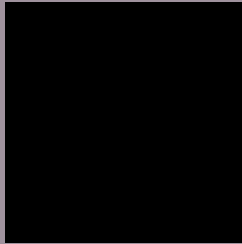
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 7.969, 329.415

Background



This preview shows how black text looks on a background with the CIELCh color 62, 7.969, 329.415.



This preview shows how white text looks on a background with the CIELCh color 62, 7.969, 329.415.

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, 7.969, 329.415

Protanopia

62, 5.635, 294.627

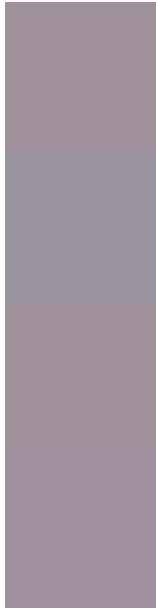
Deuteranopia

62, 9.150, 332.943



Tritanopia
62, 8.409, 327.011

Trichromacy



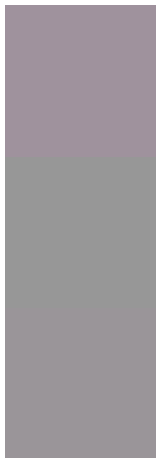
Original Color
62, 7.969, 329.415

Protanomaly
62, 5.955, 309.325

Deuteranomaly
62, 8.896, 331.069

Tritanomaly
62, 8.409, 327.011

Monochromacy



Original Color
62, 7.969, 329.415

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.975, 330.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 7.969, 329.415 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(159, 146, 157)` looks like.

```
.text, #text, p{  
    color:rgb(159, 146, 157)  
}
```

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(159, 146, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 146, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 7.969, 329.415 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(159, 146, 157) }
```

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

```
.border{ border-color:rgb(159, 146, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 146, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 146, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 146, 157);  
box-shadow:4px 4px 4px 4px rgb(159, 146,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 7.969, 329.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 146, 157) }
```

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

```
.background{ background-color: rgb(159,  
146, 157) }
```

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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