

Converting Colors

CIELCh(62, 9.801, 4.540)

Have a look what the booklet for
CIELCh(62, 9.801, 4.540) contains.

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Color

CIELCh(62, 9.858, 3.943)

Conversions

Conversions Part 1

Format	Color
Hex	A89095
RGB	168, 144, 149
RGB Percent	66%, 56%, 58%
CMY	0.3415, 0.4356, 0.4160
CMYK	0.00, 0.14, 0.11, 0.34
HSL	348°, 12%, 61%
HSV	348°, 14%, 66%
XYZ	31.5074, 30.4025, 32.6051
YIQ	151.7460, 12.6990, 6.6430

Conversions

Conversions Part 2

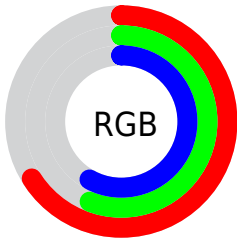
Format	Color
R _Y B	168, 144, 149
Decimal	11047061
CIE Lab	62.00, 9.83, 0.68
CIE LCh	62, 9.858, 3.943
Yxy	30.4025, 0.3334, 0.3217
Android (android.graphics.Color)	4289237141 (0xFFA89095)
YUV	151.7460, -1.3538, 14.2548
Hunter-Lab	55.1385, 5.5068, 3.5369

Details

The CIELCh color $62, 9.858, 3.943$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 9.334, 181.400$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 9.644, 4.262$, and $42, 9.688, 6.406$ is the 20% darker color. If you saturate the color by 10%, you get $57, 17.156, 5.134$, and if you desaturate by 10%, it is $67, 2.885, 2.853$.

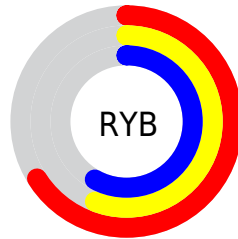
Distribution



Red (66%)

Green (56%)

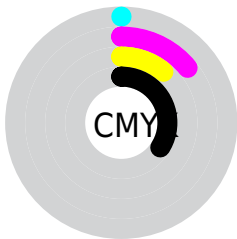
Blue (58%)



Red (66%)

Yellow (56%)

Blue (58%)

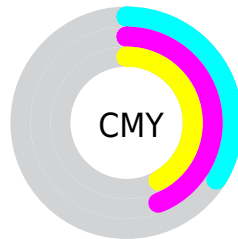


Cyan (0%)

Magenta (14%)

Yellow (11%)

Black (34%)



Cyan (34%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 9.858, 3.943 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, 9.858, 3.943 by changing the saturation by 10% instead.

62, 9.858, 3.943

62, 9.858, 3.943

100, 9.858, 3.943

52, 9.858, 3.943

82, 9.858, 3.943

42, 9.858, 3.943

92, 9.858, 3.943

32, 9.858, 3.943

22, 9.858, 3.943

12, 9.858, 3.943

2, 9.858, 3.943

0, 9.858, 3.943

62, 9.858, 3.943

62, 9.858, 3.943

57, 17.156, 5.134

67, 2.885, 2.853

53, 24.717, 6.539

72, 3.732, 182.274

49, 32.410, 8.250

76, 9.997, 181.454

45, 40.034, 10.375

81, 15.927,
180.777

41, 47.317, 13.049

86, 21.548,
180.180

39, 53.963, 16.421

37, 59.755, 20.605

91, 26.887,
179.644

35, 64.658, 25.569

94, 29.010,
184.158

35, 67.357, 28.397

95, 27.315,
197.734

Harmonies

Complementary

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



62, 9.858, 3.943



67, 9.334, 181.400

Rectangle

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



62, 9.858, 3.943



62, 9.858, 53.943



62, 9.858, 183.943



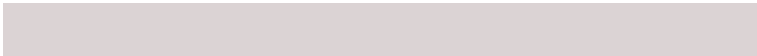
62, 9.858, 233.943

Sweetspot

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



62, 9.856, 3.950



85, 3.342, 2.825



62, 15.260, 318.914



45, 2.376, 2.916



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



62, 9.856, 3.950



77, 14.680, 4.290



64, 7.838, 48.648



33, 3.862, 3.411



30, 61.046, 27.761



1, 6.814, 4.844

Inverse Universe

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



62, 9.856, 3.950



77, 14.680, 4.290



65, 7.231, 230.572



33, 3.862, 3.411



30, 61.046, 27.761



1, 6.814, 4.844

Previews

White Background



This preview shows how the CIELCh color 62, 9.858, 3.943 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, 9.858, 3.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

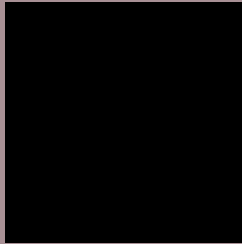
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 9.858, 3.943

Background



This preview shows how black text looks on a background with the CIELCh color 62, 9.858, 3.943.



This preview shows how white text looks on a background with the CIELCh color 62, 9.858, 3.943.

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, 9.858, 3.943

Protanopia

62, 2.058, 324.445

Deuteranopia

62, 8.174, 4.334



Tritanopia
62, 11.856, 349.381

Trichromacy



Original Color

62, 9.858, 3.943

Protanomaly

62, 4.840, 352.249

Deuteranomaly

62, 8.559, 5.114

Tritanomaly

62, 11.354, 354.279

Monochromacy



Original Color

62, 9.858, 3.943

Achromatopsia

63, 0.008, 296.813

Achromatomaly

63, 3.679, 1.970

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 9.858, 3.943 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(168, 144, 149)` looks like.

```
.text, #text, p{  
    color:rgb(168, 144, 149)  
}
```

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(168, 144, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 144, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 9.858, 3.943 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(168, 144, 149) }
```

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

```
.border{ border-color:rgb(168, 144, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 144, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 144, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 144, 149);  
box-shadow:4px 4px 4px 4px rgb(168, 144,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 9.858, 3.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 144, 149) }
```

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

```
.background{ background-color: rgb(168,  
144, 149) }
```

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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