

Converting Colors

CIELCh(62, 19.241, 97.950)

Have a look what the booklet for
CIELCh(62, 19.241, 97.950) contains.

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Color

CIELCh(62, 19.218, 97.968)

Conversions

Conversions Part 1

Format	Color
Hex	9E9674
RGB	158, 150, 116
RGB Percent	62%, 59%, 45%
CMY	0.3799, 0.4112, 0.5446
CMYK	0.00, 0.05, 0.27, 0.38
HSL	49°, 18%, 54%
HSV	49°, 27%, 62%
XYZ	28.2152, 30.4025, 20.9438
YIQ	148.5160, 15.6820, -8.8780

Conversions

Conversions Part 2

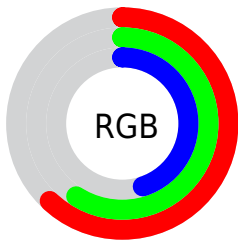
Format	Color
RYB	126, 158, 116
Decimal	10393204
CIELab	62.00, -2.66, 19.03
CIELCh	62, 19.218, 97.968
Yxy	30.4025, 0.3546, 0.3821
Android (android.graphics.Color)	4288583284 (0xFF9E9674)
YUV	148.5160, -16.0304, 8.3175
Hunter-Lab	55.1385, -5.1512, 16.0763

Details

The CIELCh color **62, 19.218, 97.968** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **53, 19.834, 284.507**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 19.277, 97.960**, and **42, 18.805, 97.432** is the 20% darker color. If you saturate the color by 10%, you get **61, 26.463, 96.799**, and if you desaturate by 10%, it is **63, 11.955, 99.122**.

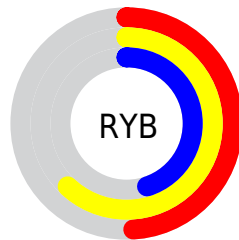
Distribution



Red (62%)

Green (59%)

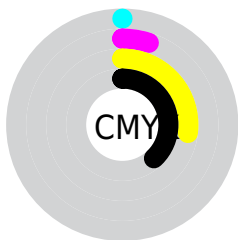
Blue (45%)



Red (49%)

Yellow (62%)

Blue (45%)

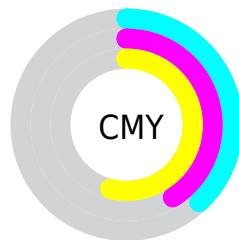


Cyan (0%)

Magenta (5%)

Yellow (27%)

Black (38%)



Cyan (38%)

Magenta (41%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 19.218, 97.968 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, 19.218, 97.968 by changing the saturation by 10% instead.

■ 62, 19.218, 97.968

■ 62, 19.218, 97.968

■ 100, 19.218,
97.968

■ 52, 19.218, 97.968

■ 82, 19.218, 97.968

■ 42, 19.218, 97.968

■ 92, 19.218, 97.968

■ 32, 19.218, 97.968

■ 22, 19.218, 97.968

■ 12, 19.218, 97.968

■ 2, 19.218, 97.968

■ 0, 19.218, 97.968

■ 62, 19.218, 97.968

■ 62, 19.218, 97.968

■ 61, 26.463, 96.799

■ 63, 11.955, 99.122

60, 33.606, 95.607

64, 4.716, 100.228

59, 40.508, 94.404

66, 2.471, 281.393

58, 46.937, 93.193

67, 9.595, 282.400

57, 52.531, 91.967

68, 16.648,
283.397

56, 56.800, 90.700

70, 23.629,
284.350

55, 59.352, 89.352

71, 30.538,
285.257

55, 60.118, 88.892

72, 37.376,
286.118

74, 42.314,
286.385

Harmonies

Complementary

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



62, 19.218, 97.968



53, 19.834, 284.507

Rectangle

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



62, 19.218, 97.968



62, 19.218, 147.968



62, 19.218, 277.968



62, 19.218, 327.968

Sweetspot

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



62, 19.219, 97.973



82, 7.152, 100.057



53, 17.914, 6.034



43, 5.127, 99.900



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, 19.219, 97.973



78, 28.794, 97.264



63, 23.747, 120.294



33, 4.068, 99.938



50, 55.838, 89.032



3, 5.143, 99.042

Inverse Universe

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



53, 19.834, 284.507



64, 29.980, 285.533



51, 24.998, 303.526



31, 4.117, 282.061



19, 75.432, 302.212



1, 5.381, 281.544

Previews

White Background



This preview shows how the CIELCh color 62, 19.218, 97.968 looks on a white background.

Color Contrast Check

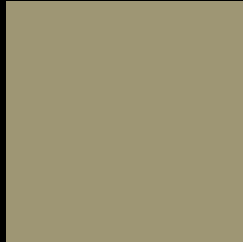
Large Text (above 18pt) WCAG AA × Fail

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, 19.218, 97.968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

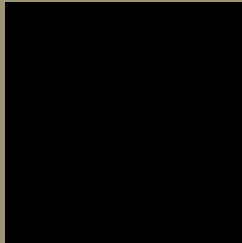
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 19.218, 97.968

Background



This preview shows how black text looks on a background with the CIELCh color 62, 19.218, 97.968.



This preview shows how white text looks on a background with the CIELCh color 62, 19.218, 97.968.

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, 19.218, 97.968

Protanopia

62, 19.389, 95.503

Deuteranopia

62, 20.245, 67.727



Tritanopia
62, 9.313, 338.898

Trichromacy



Original Color
62, 19.218, 97.968

Protanomaly
62, 19.299, 96.731

Deuteranomaly
62, 19.014, 77.462

Tritanomaly
62, 6.231, 46.395

Monochromacy



Original Color
62, 19.218, 97.968

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 6.809, 99.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 19.218, 97.968 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(158, 150, 116)` looks like.

```
.text, #text, p{  
    color:rgb(158, 150, 116)  
}
```

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(158, 150, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 150, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 19.218, 97.968 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(158, 150, 116) }
```

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

```
.border{ border-color:rgb(158, 150, 116) }
```

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

Here you see how a box with a 4 pixel rgb(158, 150, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 150, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 150, 116);  
box-shadow:4px 4px 4px 4px rgb(158, 150,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 19.218, 97.968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 150, 116) }
```

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

```
.background{ background-color: rgb(158,  
150, 116) }
```

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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