

Converting Colors

CIELCh(62, 24.416, 107.439)

Have a look what the booklet for
CIELCh(62, 24.416, 107.439)
contains.

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Color

CIELCh(62, 24.348, 107.448)

Conversions

Conversions Part 1	
Format	Color
Hex	98986C
RGB	152, 152, 108
RGB Percent	60%, 60%, 42%
CMY	0.4022, 0.4022, 0.5749
CMYK	0.00, 0.00, 0.29, 0.40
HSL	60°, 18%, 51%
HSV	60°, 29%, 60%
XYZ	27.0549, 30.4025, 18.7426
YIQ	146.9840, 14.1240, -13.6840

Conversions

Conversions Part 2

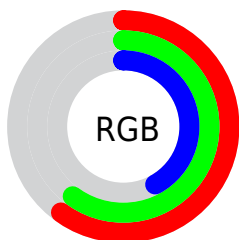
Format	Color
RYB	108, 152, 108
Decimal	10000492
CIELab	62.00, -7.30, 23.23
CIELCh	62, 24.348, 107.448
Yxy	30.4025, 0.3551, 0.3990
Android (android.graphics.Color)	4288190572 (0xFF98986C)
YUV	146.9840, -19.2191, 4.3990
Hunter-Lab	55.1385, -8.9076, 18.4432

Details

The CIELCh color **62, 24.348, 107.448** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **47, 26.057, 293.594**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 24.143, 107.089**, and **42, 24.222, 107.628** is the 20% darker color. If you saturate the color by 10%, you get **62, 32.513, 106.526**, and if you desaturate by 10%, it is **62, 15.998, 108.395**.

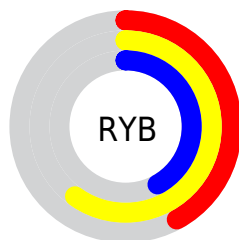
Distribution



Red (60%)

Green (60%)

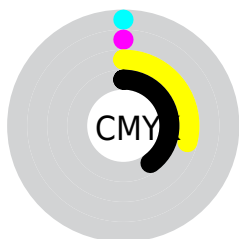
Blue (42%)



Red (42%)

Yellow (60%)

Blue (42%)

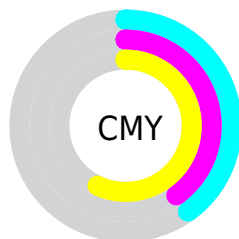


Cyan (0%)

Magenta (0%)

Yellow (29%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 24.348, 107.448 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, 24.348, 107.448 by changing the saturation by 10% instead.

 62, 24.348,
107.448

 62, 24.348,
107.448

 100, 24.348,
107.448

 52, 24.348,
107.448

 82, 24.348,
107.448

 42, 24.348,
107.448

 92, 24.348,
107.448

 32, 24.348,
107.448

 22, 24.348,
107.448


 12, 24.348,
107.448


 2, 24.348, 107.448


 0, 24.348, 107.448

 62, 24.348,
107.448


 62, 24.348,
107.448

 62, 32.513,
106.526

 62, 15.998,
108.395


 62, 40.357,
105.640


 63, 7.543, 109.338


 61, 47.686,
104.822


 63, 0.960, 290.335


 64, 9.474, 291.200


 61, 54.214,
104.105


 64, 17.975,
292.081


 61, 59.578,
103.527

 65, 26.446,
292.930

 61, 63.402,
103.122


 65, 34.872,
293.741

 61, 65.753,
102.876

 66, 43.244,
294.511

 61, 66.003,

102.850

 66, 51.553,
295.240

Harmonies

Complementary

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



62, 24.348, 107.448



47, 26.057, 293.594

Rectangle

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



62, 24.348, 107.448



62, 24.348, 157.448



62, 24.348, 287.448



62, 24.348, 337.448

Sweetspot

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



62, 24.349, 107.452



80, 9.494, 109.310



50, 18.832, 20.420



42, 6.579, 109.184



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



62, 24.349, 107.452



79, 36.464, 106.817



60, 26.022, 127.164



32, 4.814, 109.306



57, 62.110, 102.850



3, 5.228, 110.175

Inverse Universe

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



47, 26.057, 293.594



57, 39.788, 294.655



49, 27.104, 309.876



29, 4.917, 291.107



15, 85.763, 306.287



0, 5.229, 290.176

Previews

White Background



This preview shows how the CIELCh color 62, 24.348, 107.448 looks on a white background.

Color Contrast Check

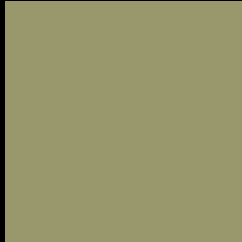
Large Text (above 18pt) WCAG AA × Fail

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, 24.348, 107.448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

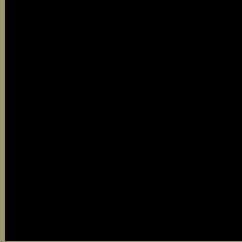
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 24.348, 107.448

Background



This preview shows how black text looks on a background with the CIELCh color 62, 24.348, 107.448.



This preview shows how white text looks on a background with the CIELCh color 62, 24.348, 107.448.

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, 24.348, 107.448

Protanopia

62, 24.333, 96.311

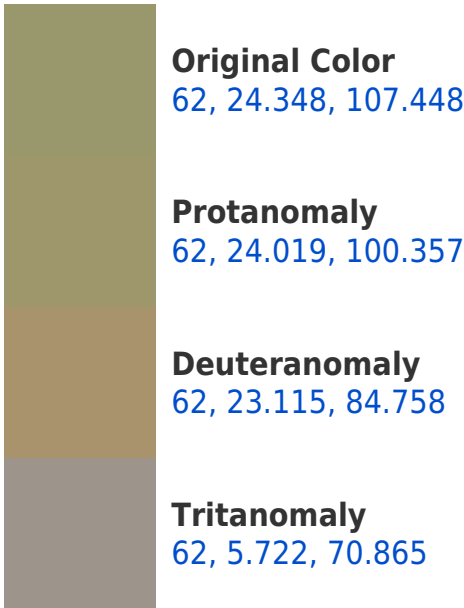
Deuteranopia

62, 23.995, 71.521



Tritanopia
62, 8.409, 327.011

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 24.348, 107.448 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(152, 152, 108)` looks like.

```
.text, #text, p{  
    color:rgb(152, 152, 108)  
}
```

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(152, 152, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 152, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 24.348, 107.448 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(152, 152, 108) }
```

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

```
.border{ border-color:rgb(152, 152, 108) }
```

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

Here you see how a box with a 4 pixel rgb(152, 152, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 152, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 152, 108);  
box-shadow:4px 4px 4px 4px rgb(152, 152,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 24.348, 107.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 152, 108) }
```

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

```
.background{ background-color: rgb(152,  
152, 108) }
```

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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