

Converting Colors

CIELCh(62, 18.330, 110.273)

Have a look what the booklet for
CIELCh(62, 18.330, 110.273)
contains.

CIELCh(62, 18.340, 109.424)	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, 18.340, 109.424)

Conversions

Conversions Part 1

Format	Color
Hex	979877
RGB	151, 152, 119
RGB Percent	59%, 60%, 47%
CMY	0.4075, 0.4036, 0.5330
CMYK	0.01, 0.00, 0.22, 0.40
HSL	62°, 14%, 53%
HSV	62°, 22%, 60%
XYZ	27.3524, 30.4025, 21.9030
YIQ	147.9390, 9.9970, -10.4750

Conversions

Conversions Part 2

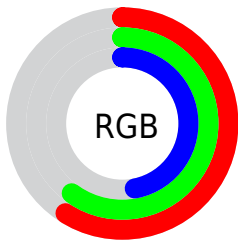
Format	Color
RYB	119, 152, 120
Decimal	9934967
CIELab	62.00, -6.10, 17.30
CIELCh	62, 18.340, 109.424
Yxy	30.4025, 0.3434, 0.3817
Android (android.graphics.Color)	4288125047 (0xFF979877)
YUV	147.9390, -14.2669, 2.6845
Hunter-Lab	55.1385, -7.9443, 15.0448

Details

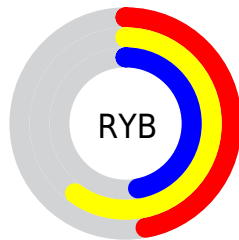
The CIELCh color $62, 18.340, 109.424$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $51, 19.266, 293.658$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 18.416, 109.742$, and $42, 18.463, 108.816$ is the 20% darker color. If you saturate the color by 10%, you get $62, 26.637, 108.533$, and if you desaturate by 10%, it is $62, 9.921, 110.328$.

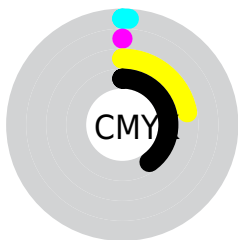
Distribution



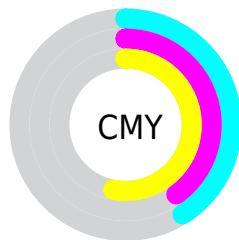
- Red (59%)
- Green (60%)
- Blue (47%)



- Red (47%)
- Yellow (60%)
- Blue (47%)



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)
- Black (40%)



- Cyan (41%)
- Magenta (40%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 18.340, 109.424 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, 18.340, 109.424 by changing the saturation by 10% instead.


 62, 18.340,
109.424


 62, 18.340,
109.424


 100, 18.340,
109.424

 52, 18.340,
109.424


 82, 18.340,
109.424

 42, 18.340,
109.424

 92, 18.340,
109.424

 32, 18.340,
109.424

 22, 18.340,
109.424

 12, 18.340,
109.424

 2, 18.340, 109.424

 0, 18.340, 109.424

62, 18.340,
109.424

62, 18.340,
109.424

62, 26.637,
108.533

62, 9.921, 110.328

61, 34.712,
107.662

63, 1.439, 111.195

63, 7.063, 292.103

61, 42.422,
106.839

64, 15.559,
292.945

61, 49.547,
106.099

64, 24.027,
293.755

61, 55.782,
105.481

65, 32.452,
294.528

61, 60.749,
105.031

66, 40.825,
295.263

61, 64.096,
104.789

66, 49.134,
295.956

61, 65.945,

104.705

■ 67, 56.860,
296.578

Harmonies

Complementary

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



62, 18.340, 109.424



51, 19.266, 293.658

Rectangle

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



62, 18.340, 109.424



62, 18.340, 159.424



62, 18.340, 289.424



62, 18.340, 339.424

Sweetspot

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



62, 18.341, 109.428



80, 7.389, 110.734



53, 13.566, 22.232



42, 4.789, 110.688



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, 18.341, 109.428



79, 27.278, 108.995



61, 19.708, 128.694



32, 4.817, 110.549



56, 62.159, 104.692



3, 5.231, 111.530

Inverse Universe

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



51, 19.266, 293.658



63, 29.008, 294.280



53, 20.264, 310.625



30, 4.920, 292.255



15, 85.589, 306.412



0, 5.232, 291.354

Previews

White Background



This preview shows how the CIELCh color 62, 18.340, 109.424 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, 18.340, 109.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

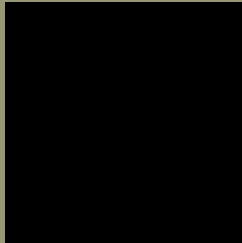
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 18.340, 109.424

Background



This preview shows how black text looks on a background with the CIELCh color 62, 18.340, 109.424.



This preview shows how white text looks on a background with the CIELCh color 62, 18.340, 109.424.

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, 18.340, 109.424

Protanopia

62, 17.790, 94.591

Deuteranopia

62, 18.210, 64.618



Tritanopia
62, 7.100, 319.631

Trichromacy



Original Color
62, 18.340, 109.424

Protanomaly
62, 17.991, 100.159

Deuteranomaly
62, 17.127, 80.659

Tritanomaly
62, 3.402, 74.563

Monochromacy



Original Color
62, 18.340, 109.424

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 6.714, 109.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 18.340, 109.424 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(151, 152, 119)` looks like.

```
.text, #text, p{  
    color:rgb(151, 152, 119)  
}
```

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(151, 152, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 152, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 18.340, 109.424 is called "border". The border property can be set on classes, ids or directly on the HTML element.

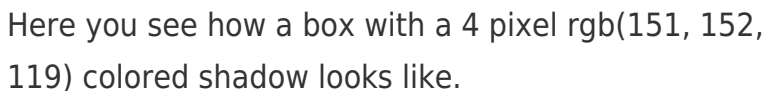
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 152, 119) }
```

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

```
.border{ border-color:rgb(151, 152, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 152, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 152, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 152, 119); box-shadow:4px 4px 4px 4px rgb(151, 152, 119) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 18.340, 109.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 152, 119) }
```

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

```
.background{ background-color: rgb(151,  
152, 119) }
```

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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