

Converting Colors

CIELCh(62, 41.294, 101.224)

Have a look what the booklet for
CIELCh(62, 41.294, 101.224)
contains.

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Color

CIELCh(62, 41.254, 101.202)

Conversions

Conversions Part 1

Format	Color
Hex	9F984C
RGB	159, 152, 76
RGB Percent	62%, 60%, 30%
CMY	0.3760, 0.4034, 0.7015
CMYK	0.00, 0.04, 0.52, 0.38
HSL	55°, 35%, 46%
HSV	55°, 52%, 62%
XYZ	26.8791, 30.4025, 11.3099
YIQ	145.4290, 28.5680, -22.1520

Conversions

Conversions Part 2

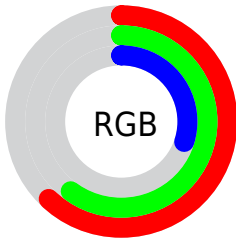
Format	Color
RYB	84, 159, 76
Decimal	10459212
CIELab	62.00, -8.01, 40.47
CIELCh	62, 41.254, 101.202
Yxy	30.4025, 0.3919, 0.4432
Android (android.graphics.Color)	4288649292 (0xFF9F984C)
YUV	145.4290, -34.2285, 11.9018
Hunter-Lab	55.1385, -9.4766, 26.4355

Details

The CIELCh color **62, 41.254, 101.202** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **38, 46.516, 294.513**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 41.156, 101.314**, and **42, 41.004, 101.262** is the 20% darker color. If you saturate the color by 10%, you get **61, 48.273, 100.232**, and if you desaturate by 10%, it is **63, 33.721, 102.218**.

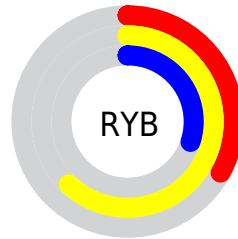
Distribution



Red (62%)

Green (60%)

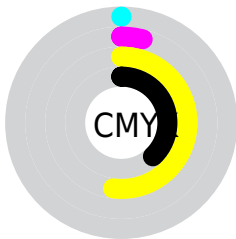
Blue (30%)



Red (33%)

Yellow (62%)

Blue (30%)

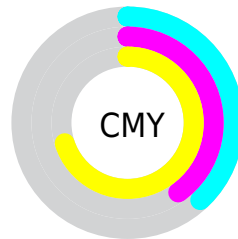


Cyan (0%)

Magenta (4%)

Yellow (52%)

Black (38%)



Cyan (38%)


Magenta (40%)


Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 41.254, 101.202 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, 41.254, 101.202 by changing the saturation by 10% instead.


 62, 41.254,
101.202


 62, 41.254,
101.202


 100, 41.254,
101.202


 52, 41.254,
101.202


 82, 41.254,
101.202

 42, 41.254,
101.202

 92, 41.254,
101.202

 32, 41.254,
101.202

 22, 41.254,
101.202

 12, 41.254,
101.202

 2, 41.254, 101.202

 0, 41.254, 101.202

■ 62, 41.254,
101.202

■ 62, 41.254,
101.202

■ 61, 48.273,
100.232

■ 63, 33.721,
102.218

■ 61, 54.453, 99.322

■ 63, 25.888,
103.252

■ 60, 59.368, 98.493

■ 64, 17.896,
104.289

■ 60, 62.581, 97.755

■ 60, 64.185, 97.224

■ 65, 9.830, 105.316

■ 65, 1.743, 106.288

■ 66, 6.333, 287.333

■ 67, 14.377,
288.276

■ 68, 22.375,
289.185

■ 69, 30.321,
290.054

Harmonies

Complementary

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



62, 41.254, 101.202



38, 46.516, 294.513

Rectangle

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



62, 41.254, 101.202



62, 41.254, 151.202



62, 41.254, 281.202



62, 41.254, 331.202

Sweetspot

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



62, 41.255, 101.205



81, 15.987, 104.894



43, 37.079, 18.059



43, 10.878, 104.696



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, 41.255, 101.205



78, 60.207, 100.042



61, 46.763, 122.990



33, 4.544, 105.612



54, 59.327, 97.280



4, 5.850, 105.688

Inverse Universe

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



38, 46.516, 294.513



43, 71.049, 297.284



40, 51.457, 308.641



31, 4.625, 287.548



17, 82.679, 304.903



1, 5.991, 286.754

Previews

White Background



This preview shows how the CIELCh color 62, 41.254, 101.202 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, 41.254, 101.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

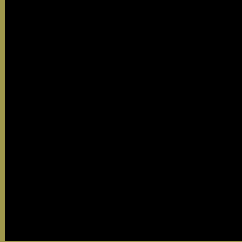
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 41.254, 101.202

Background



This preview shows how black text looks on a background with the CIELCh color 62, 41.254, 101.202.



This preview shows how white text looks on a background with the CIELCh color 62, 41.254, 101.202.

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, 41.254, 101.202

Protanopia

62, 41.398, 95.537

Deuteranopia

62, 40.853, 78.850



Tritanopia
62, 11.497, 344.829

Trichromacy



Original Color
62, 41.254, 101.202

Protanomaly
62, 41.549, 98.075

Deuteranomaly
62, 40.250, 86.770

Tritanomaly
62, 13.493, 75.325

Monochromacy



Original Color
62, 41.254, 101.202

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 15.137, 103.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 41.254, 101.202 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, 152, 76)` looks like.

```
.text, #text, p{  
    color:rgb(159, 152, 76)  
}
```

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, 152, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 152, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 41.254, 101.202 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, 152, 76) }
```

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

```
.border{ border-color:rgb(159, 152, 76) }
```

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

Here you see how a box with a 4 pixel rgb(159, 152, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 152, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 152, 76);  
box-shadow:4px 4px 4px 4px rgb(159, 152,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 41.254, 101.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 152, 76) }
```

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

```
.background{ background-color: rgb(159,  
152, 76) }
```

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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