

Converting Colors

CIELCh(62, 44.909, 101.268)

Have a look what the booklet for
CIELCh(62, 44.909, 101.268)
contains.

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Color

CIELCh(62, 44.666, 101.121)

Conversions

Conversions Part 1

Format	Color
Hex	9F9845
RGB	159, 152, 69
RGB Percent	62%, 60%, 27%
CMY	0.3751, 0.4026, 0.7282
CMYK	0.00, 0.04, 0.57, 0.38
HSL	55°, 39%, 45%
HSV	55°, 57%, 62%
XYZ	26.7317, 30.4025, 10.1403
YIQ	144.6310, 30.8150, -24.3290

Conversions

Conversions Part 2

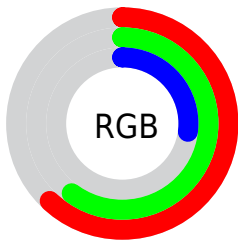
Format	Color
RYB	77, 159, 69
Decimal	10459205
CIELab	62.00, -8.62, 43.83
CIELCh	62, 44.666, 101.121
Yxy	30.4025, 0.3974, 0.4519
Android (android.graphics.Color)	4288649285 (0xFF9F9845)
YUV	144.6310, -37.2861, 12.6016
Hunter-Lab	55.1385, -9.9537, 27.6931

Details

The CIELCh color **62, 44.666, 101.121** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **36, 51.252, 295.737**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 44.649, 100.833**, and **42, 44.676, 100.940** is the 20% darker color. If you saturate the color by 10%, you get **62, 51.393, 100.191**, and if you desaturate by 10%, it is **63, 37.288, 102.109**.

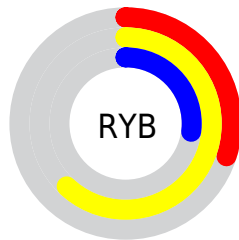
Distribution



Red (62%)

Green (60%)

Blue (27%)



Red (30%)

Yellow (62%)

Blue (27%)

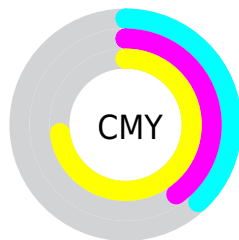


Cyan (0%)

Magenta (4%)

Yellow (57%)

Black (38%)



Cyan (38%)


Magenta (40%)


Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 44.666, 101.121 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, 44.666, 101.121 by changing the saturation by 10% instead.


 62, 44.666,
101.121


 62, 44.666,
101.121


 100, 44.666,
101.121


 52, 44.666,
101.121


 82, 44.666,
101.121

 42, 44.666,
101.121

 92, 44.666,
101.121

 32, 44.666,
101.121

 22, 44.666,
101.121

 12, 44.666,
101.121

 2, 44.666, 101.121

 0, 44.666, 101.121

62, 44.666,
101.121

62, 44.666,
101.121

62, 51.393,
100.191

63, 37.288,
102.109

61, 57.096, 99.335

63, 29.520,
103.126

61, 61.327, 98.573

64, 21.532,
104.156

60, 63.803, 97.908

60, 64.525, 97.686

64, 13.433,
105.183

65, 5.290, 106.189

66, 2.858, 287.224

67, 10.983,
288.164

68, 19.070,
289.085

■ 68, 27.108,
289.969

Harmonies

Complementary

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



62, 44.666, 101.121



36, 51.252, 295.737

Rectangle

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



62, 44.666, 101.121



62, 44.666, 151.121



62, 44.666, 281.121



62, 44.666, 331.121

Sweetspot

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



62, 44.667, 101.124



81, 17.095, 105.099



42, 40.632, 20.334



43, 11.523, 104.908



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, 44.667, 101.124



78, 64.382, 99.945



61, 50.552, 123.485



33, 4.574, 105.917



54, 59.579, 97.737



4, 5.897, 106.055

Inverse Universe

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



36, 51.252, 295.737



40, 77.887, 298.771



38, 55.960, 309.414



31, 4.657, 287.843



17, 83.010, 305.016



1, 6.030, 287.037

Previews

White Background



This preview shows how the CIELCh color 62, 44.666, 101.121 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, 44.666, 101.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

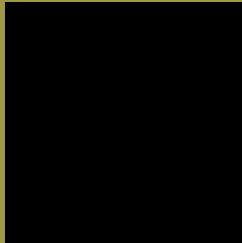
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 44.666, 101.121

Background



This preview shows how black text looks on a background with the CIELCh color 62, 44.666, 101.121.



This preview shows how white text looks on a background with the CIELCh color 62, 44.666, 101.121.

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, 44.666, 101.121

Protanopia

62, 44.313, 95.809

Deuteranopia

62, 43.896, 79.665



Tritanopia
62, 11.522, 348.312

Trichromacy



Original Color
62, 44.666, 101.121

Protanomaly
62, 44.532, 97.612

Deuteranomaly
62, 43.313, 87.054

Tritanomaly
62, 15.171, 77.174

Monochromacy



Original Color
62, 44.666, 101.121

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 17.327, 105.450

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 44.666, 101.121 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, 69)` looks like.

```
.text, #text, p{  
    color:rgb(159, 152, 69)  
}
```

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, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 152, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 44.666, 101.121 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, 69) }
```

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

```
.border{ border-color:rgb(159, 152, 69) }
```

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, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 152, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 152, 69);  
box-shadow:4px 4px 4px 4px rgb(159, 152,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 44.666, 101.121 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, 69) }
```

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

```
.background{ background-color: rgb(159,  
152, 69) }
```

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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