

Converting Colors

CIELCh(62, 43.604, 91.923)

Have a look what the booklet for
CIELCh(62, 43.604, 91.923) contains.

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Color

CIELCh(62, 43.670, 91.486)

Conversions

Conversions Part 1

Format	Color
Hex	AB9446
RGB	171, 148, 70
RGB Percent	67%, 58%, 27%
CMY	0.3283, 0.4185, 0.7245
CMYK	0.00, 0.13, 0.59, 0.33
HSL	46°, 42%, 47%
HSV	46°, 59%, 67%
XYZ	28.6057, 30.4025, 10.1981
YIQ	145.9850, 38.7460, -19.3820

Conversions

Conversions Part 2

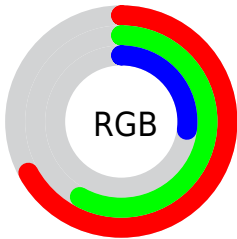
Format	Color
RYB	100, 171, 70
Decimal	11244614
CIELab	62.00, -1.13, 43.66
CIElCh	62, 43.670, 91.486
Yxy	30.4025, 0.4133, 0.4393
Android (android.graphics.Color)	4289434694 (0xFFAB9446)
YUV	145.9850, -37.4606, 21.9382
Hunter-Lab	55.1385, -3.8871, 27.6310

Details

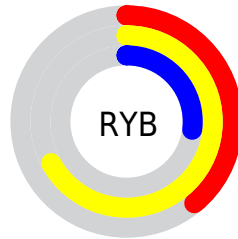
The CIELCh color **62, 43.670, 91.486** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **41, 47.204, 289.306**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 43.617, 91.854**, and **42, 43.839, 91.741** is the 20% darker color. If you saturate the color by 10%, you get **61, 50.295, 90.175**, and if you desaturate by 10%, it is **63, 36.517, 92.773**.

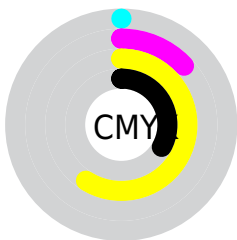
Distribution



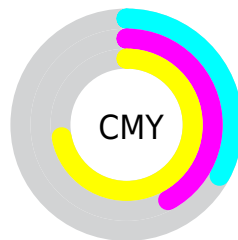
- Red (67%)
- Green (58%)
- Blue (27%)



- Red (39%)
- Yellow (67%)
- Blue (27%)



- Cyan (0%)
- Magenta (13%)
- Yellow (59%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 43.670, 91.486 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, 43.670, 91.486 by changing the saturation by 10% instead.

62, 43.670, 91.486

62, 43.670, 91.486

100, 43.670,
91.486

52, 43.670, 91.486

82, 43.670, 91.486

42, 43.670, 91.486

92, 43.670, 91.486

32, 43.670, 91.486

22, 43.670, 91.486

12, 43.670, 91.486

2, 43.670, 91.486

0, 43.670, 91.486

62, 43.670, 91.486

62, 43.670, 91.486

61, 50.295, 90.175

63, 36.517, 92.773

60, 55.962, 88.805

65, 29.107, 94.033

59, 60.097, 87.325

66, 21.603, 95.269

57, 62.492, 85.695

67, 14.095, 96.474

57, 62.727, 85.532

69, 6.633, 97.636

70, 0.757, 278.999

72, 8.064, 279.907

73, 15.282,
280.945

75, 22.412,
281.940

Harmonies

Complementary

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



62, 43.670, 91.486



41, 47.204, 289.306

Rectangle

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



62, 43.670, 91.486



62, 43.670, 141.486



62, 43.670, 271.486



62, 43.670, 321.486

Sweetspot

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



62, 43.670, 91.489



85, 16.490, 96.553



44, 44.208, 9.642



45, 11.566, 96.215



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



62, 43.670, 91.489



77, 63.403, 89.735



66, 53.841, 117.227



36, 4.224, 97.599



51, 57.068, 85.742



5, 8.193, 93.213

Inverse Universe

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



41, 47.204, 289.306



46, 71.634, 293.074



38, 61.953, 305.474



34, 4.263, 279.820



21, 75.354, 301.004



2, 9.333, 281.243

Previews

White Background



This preview shows how the CIELCh color 62, 43.670, 91.486 looks on a white background.

Color Contrast Check

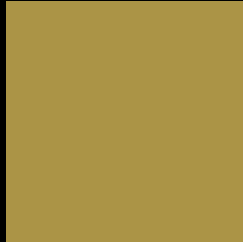
Large Text (above 18pt) WCAG AA × Fail

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, 43.670, 91.486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

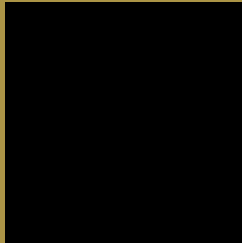
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 43.670, 91.486

Background



This preview shows how black text looks on a background with the CIELCh color 62, 43.670, 91.486.



This preview shows how white text looks on a background with the CIELCh color 62, 43.670, 91.486.

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, 43.670, 91.486

Protanopia

62, 43.351, 95.728

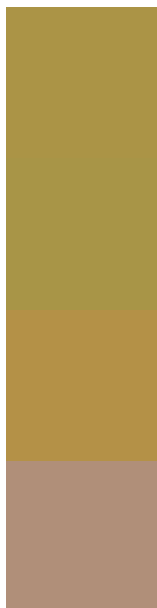
Deuteranopia

62, 43.896, 79.665



Tritanopia
62, 16.001, 0.735

Trichromacy



Original Color
62, 43.670, 91.486

Protanomaly
62, 43.183, 93.865

Deuteranomaly
62, 43.760, 84.067

Tritanomaly
62, 18.789, 60.795

Monochromacy



Original Color
62, 43.670, 91.486

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 16.557, 96.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 43.670, 91.486 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(171, 148, 70)` looks like.

```
.text, #text, p{  
    color:rgb(171, 148, 70)  
}
```

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(171, 148, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 148, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 43.670, 91.486 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(171, 148, 70) }
```

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

```
.border{ border-color:rgb(171, 148, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 148, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 148, 70); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 148, 70); box-shadow:4px 4px 4px 4px rgb(171, 148, 70) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 43.670, 91.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 148, 70) }
```

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

```
.background{ background-color: rgb(171,  
148, 70) }
```

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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