

Converting Colors

CIELCh(62, 30.116, 97.842)

Have a look what the booklet for
CIELCh(62, 30.116, 97.842) contains.

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Color

CIELCh(62, 29.676, 97.565)

Conversions

Conversions Part 1

Format	Color
Hex	A19661
RGB	161, 150, 97
RGB Percent	63%, 59%, 38%
CMY	0.3673, 0.4104, 0.6184
CMYK	0.00, 0.07, 0.40, 0.37
HSL	50°, 25%, 51%
HSV	50°, 40%, 63%
XYZ	27.9010, 30.4025, 15.7850
YIQ	147.2470, 23.5690, -14.1510

Conversions

Conversions Part 2

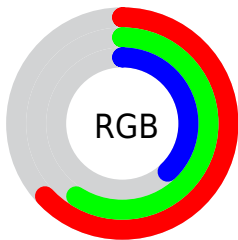
Format	Color
RYB	110, 161, 97
Decimal	10589793
CIELab	62.00, -3.91, 29.42
CIELCh	62, 29.676, 97.565
Yxy	30.4025, 0.3766, 0.4104
Android (android.graphics.Color)	4288779873 (0xFFA19661)
YUV	147.2470, -24.7718, 12.0614
Hunter-Lab	55.1385, -6.1684, 21.6234

Details

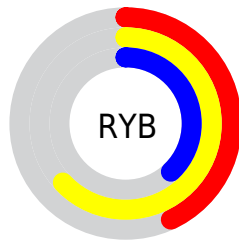
The CIELCh color **62, 29.676, 97.565** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **47, 31.462, 287.855**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 29.838, 97.402**, and **42, 29.655, 97.268** is the 20% darker color. If you saturate the color by 10%, you get **61, 36.960, 96.401**, and if you desaturate by 10%, it is **63, 22.232, 98.727**.

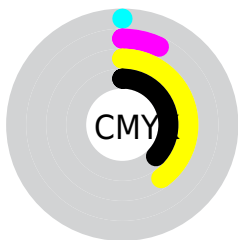
Distribution



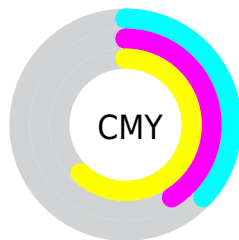
- Red (63%)
- Green (59%)
- Blue (38%)



- Red (43%)
- Yellow (63%)
- Blue (38%)



- Cyan (0%)
- Magenta (7%)
- Yellow (40%)
- Black (37%)



- Cyan (37%)
- Magenta (41%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 29.676, 97.565 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, 29.676, 97.565 by changing the saturation by 10% instead.

62, 29.676, 97.565

62, 29.676, 97.565

100, 29.676,
97.565

52, 29.676, 97.565

82, 29.676, 97.565

42, 29.676, 97.565

92, 29.676, 97.565

32, 29.676, 97.565

22, 29.676, 97.565

12, 29.676, 97.565

2, 29.676, 97.565

0, 29.676, 97.565

62, 29.676, 97.565

62, 29.676, 97.565

61, 36.960, 96.401

63, 22.232, 98.727

60, 43.906, 95.232

64, 14.727, 99.865

59, 50.236, 94.064

65, 7.224, 100.973

58, 55.533, 92.893

66, 0.244, 282.569

57, 59.281, 91.695

68, 7.658, 283.134

57, 61.491, 90.455

69, 15.008,
284.129

57, 61.561, 90.416

70, 22.289,
285.086

71, 29.501,
285.997

73, 36.642,
286.862

Harmonies

Complementary

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



62, 29.676, 97.565



47, 31.462, 287.855

Rectangle

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



62, 29.676, 97.565



62, 29.676, 147.565



62, 29.676, 277.565



62, 29.676, 327.565

Sweetspot

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



62, 29.677, 97.569



82, 11.067, 100.696



49, 27.846, 9.278



43, 7.329, 100.564



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, 29.677, 97.569



77, 44.126, 96.494



63, 35.859, 120.234



34, 4.259, 101.017



51, 57.070, 90.540



4, 6.326, 99.441

Inverse Universe

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



47, 31.462, 287.855



55, 47.755, 289.776



46, 38.830, 305.127



32, 4.315, 283.116



19, 78.013, 302.837



1, 6.752, 282.938

Previews

White Background



This preview shows how the CIELCh color 62, 29.676, 97.565 looks on a white background.

Color Contrast Check

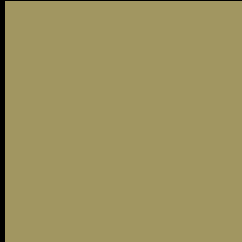
Large Text (above 18pt) WCAG AA × Fail

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, 29.676, 97.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

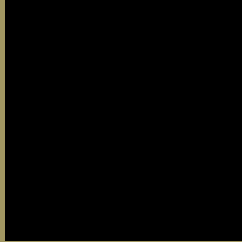
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 29.676, 97.565

Background



This preview shows how black text looks on a background with the CIELCh color 62, 29.676, 97.565.



This preview shows how white text looks on a background with the CIELCh color 62, 29.676, 97.565.

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, 29.676, 97.565

Protanopia

62, 29.843, 95.903

Deuteranopia

62, 29.820, 74.135



Tritanopia
62, 11.522, 348.312

Trichromacy



Original Color
62, 29.676, 97.565

Protanomaly
62, 29.756, 96.732

Deuteranomaly
62, 29.377, 83.271

Tritanomaly
62, 10.974, 61.191

Monochromacy



Original Color
62, 29.676, 97.565

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 10.736, 100.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 29.676, 97.565 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(161, 150, 97)` looks like.

```
.text, #text, p{  
    color:rgb(161, 150, 97)  
}
```

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(161, 150, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 150, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 29.676, 97.565 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(161, 150, 97) }
```

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

```
.border{ border-color:rgb(161, 150, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 150, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 150, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 150, 97);  
box-shadow:4px 4px 4px 4px rgb(161, 150,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 29.676, 97.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 150, 97) }
```

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

```
.background{ background-color: rgb(161,  
150, 97) }
```

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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