

Converting Colors

CIELCh(62, 30.464, 95.205)

Have a look what the booklet for
CIELCh(62, 30.464, 95.205) contains.

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Color

CIELCh(62, 30.464, 95.205)

Conversions

Conversions Part 1

Format	Color
Hex	A49660
RGB	164, 150, 96
RGB Percent	64%, 59%, 38%
CMY	0.3582, 0.4130, 0.6247
CMYK	0.00, 0.09, 0.42, 0.36
HSL	48°, 27%, 51%
HSV	48°, 42%, 64%
XYZ	28.1899, 30.4025, 15.3737
YIQ	148.0300, 25.6780, -13.8260

Conversions

Conversions Part 2

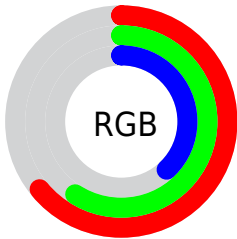
Format	Color
RYB	114, 164, 96
Decimal	10786400
CIELab	62.00, -2.76, 30.34
CIELCh	62, 30.464, 95.205
Yxy	30.4025, 0.3811, 0.4110
Android (android.graphics.Color)	4288976480 (0xFFA49660)
YUV	148.0300, -25.6508, 14.0057
Hunter-Lab	55.1385, -5.2330, 22.0658

Details

The CIELCh color **62, 30.464, 95.205** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **47, 32.043, 286.401**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 30.596, 95.259**, and **42, 30.469, 94.606** is the 20% darker color. If you saturate the color by 10%, you get **61, 37.646, 93.983**, and if you desaturate by 10%, it is **63, 23.135, 96.417**.

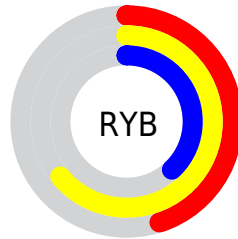
Distribution



Red (64%)

Green (59%)

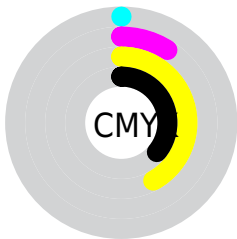
Blue (38%)



Red (45%)

Yellow (64%)

Blue (38%)

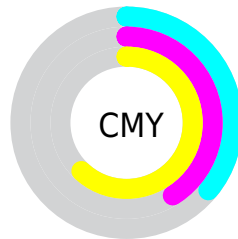


Cyan (0%)

Magenta (9%)

Yellow (42%)

Black (36%)



Cyan (36%)

Magenta (41%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 30.464, 95.205 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, 30.464, 95.205 by changing the saturation by 10% instead.

62, 30.464, 95.205

62, 30.464, 95.205

100, 30.464,
95.205

52, 30.464, 95.205

82, 30.464, 95.205

42, 30.464, 95.205

92, 30.464, 95.205

32, 30.464, 95.205

22, 30.464, 95.205

12, 30.464, 95.205

2, 30.464, 95.205

0, 30.464, 95.205

62, 30.464, 95.205

62, 30.464, 95.205

61, 37.646, 93.983

63, 23.135, 96.417

■ 60, 44.495, 92.741

■ 64, 15.762, 97.601

■ 59, 50.712, 91.479

■ 66, 8.408, 98.751

■ 58, 55.849, 90.175

■ 67, 1.104, 99.764

■ 57, 59.355, 88.783

■ 68, 6.132, 280.994

■ 56, 61.215, 87.537

■ 70, 13.292,
282.020

■ 71, 20.375,
283.008

■ 73, 27.379,
283.951

■ 74, 34.307,
284.846

Harmonies

Complementary

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



62, 30.464, 95.205



47, 32.043, 286.401

Rectangle

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



62, 30.464, 95.205



62, 30.464, 145.205



62, 30.464, 275.205



62, 30.464, 325.205

Sweetspot

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



62, 30.465, 95.209



83, 10.791, 98.673



49, 29.689, 7.093



44, 7.219, 98.535



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 30.465, 95.209



77, 45.052, 94.059



64, 37.663, 118.763



34, 4.111, 99.005



50, 56.165, 87.711



4, 6.066, 96.923

Inverse Universe

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



47, 32.043, 286.401



55, 48.288, 288.465



45, 41.132, 304.236



32, 4.155, 281.166



20, 75.222, 301.732



1, 6.532, 281.212

Previews

White Background



This preview shows how the CIELCh color 62, 30.464, 95.205 looks on a white background.

Color Contrast Check

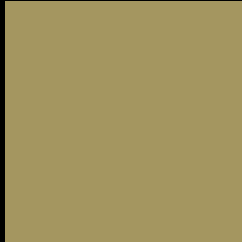
Large Text (above 18pt) WCAG AA × Fail

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, 30.464, 95.205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

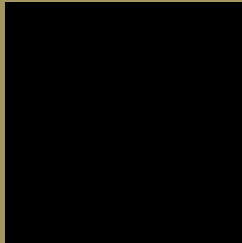
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 30.464, 95.205

Background



This preview shows how black text looks on a background with the CIELCh color 62, 30.464, 95.205.



This preview shows how white text looks on a background with the CIELCh color 62, 30.464, 95.205.

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, 30.464, 95.205

Protanopia

62, 30.371, 96.018

Deuteranopia

62, 30.775, 75.047



Tritanopia
62, 12.193, 350.395

Trichromacy



Original Color
62, 30.464, 95.205

Protanomaly
62, 30.371, 96.018

Deuteranomaly
62, 29.816, 81.696

Tritanomaly
62, 11.611, 55.196

Monochromacy



Original Color
62, 30.464, 95.205

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 11.353, 98.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 30.464, 95.205 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(164, 150, 96)` looks like.

```
.text, #text, p{  
    color:rgb(164, 150, 96)  
}
```

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(164, 150, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 150, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 30.464, 95.205 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(164, 150, 96) }
```

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

```
.border{ border-color:rgb(164, 150, 96) }
```

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

Here you see how a box with a 4 pixel rgb(164, 150, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 150, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 150, 96);  
box-shadow:4px 4px 4px 4px rgb(164, 150,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 30.464, 95.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 150, 96) }
```

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

```
.background{ background-color: rgb(164,  
150, 96) }
```

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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