

Converting Colors

CIELCh(62, 32.005, 95.578)

Have a look what the booklet for
CIELCh(62, 32.005, 95.578) contains.

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Color

CIELCh(62, 32.039, 95.549)

Conversions

Conversions Part 1

Format	Color
Hex	A4965D
RGB	164, 150, 93
RGB Percent	64%, 59%, 36%
CMY	0.3577, 0.4126, 0.6361
CMYK	0.00, 0.09, 0.43, 0.36
HSL	48°, 28%, 50%
HSV	48°, 43%, 64%
XYZ	28.1052, 30.4025, 14.6972
YIQ	147.6880, 26.6410, -14.7590

Conversions

Conversions Part 2

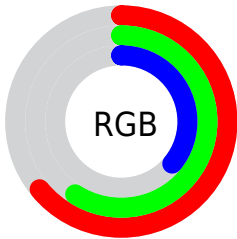
Format	Color
RYB	110, 164, 93
Decimal	10786397
CIELab	62.00, -3.10, 31.89
CIElCh	62, 32.039, 95.549
Yxy	30.4025, 0.3839, 0.4153
Android (android.graphics.Color)	4288976477 (0xFFA4965D)
YUV	147.6880, -26.9612, 14.3056
Hunter-Lab	55.1385, -5.5073, 22.7932

Details

The CIELCh color **62, 32.039, 95.549** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **46, 33.922, 287.258**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 32.113, 95.657**, and **42, 32.049, 94.861** is the 20% darker color. If you saturate the color by 10%, you get **61, 39.214, 94.338**, and if you desaturate by 10%, it is **63, 24.679, 96.753**.

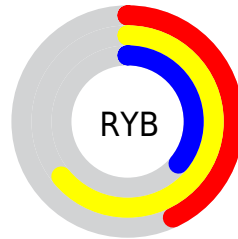
Distribution



Red (64%)

Green (59%)

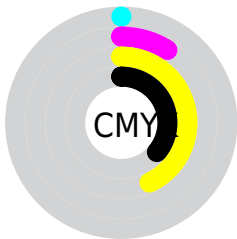
Blue (36%)



Red (43%)

Yellow (64%)

Blue (36%)

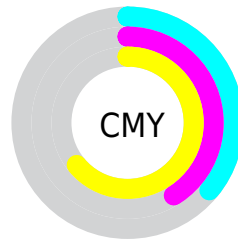


Cyan (0%)

Magenta (9%)

Yellow (43%)

Black (36%)



Cyan (36%)

Magenta (41%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 32.039, 95.549 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, 32.039, 95.549 by changing the saturation by 10% instead.

62, 32.039, 95.549

62, 32.039, 95.549

100, 32.039,
95.549

52, 32.039, 95.549

82, 32.039, 95.549

42, 32.039, 95.549

92, 32.039, 95.549

32, 32.039, 95.549

22, 32.039, 95.549

12, 32.039, 95.549

2, 32.039, 95.549

0, 32.039, 95.549

62, 32.039, 95.549

62, 32.039, 95.549

61, 39.214, 94.338

63, 24.679, 96.753

■ 60, 45.997, 93.112

■ 64, 17.252, 97.932

■ 59, 52.061, 91.869

■ 66, 9.827, 99.080

■ 58, 56.931, 90.589

■ 67, 2.443, 100.159

■ 57, 60.067, 89.223

■ 68, 4.880, 281.324

■ 56, 61.486, 88.281

■ 70, 12.131,
282.347

■ 71, 19.307,
283.337

■ 72, 26.407,
284.283

■ 74, 33.431,
285.181

Harmonies

Complementary

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



62, 32.039, 95.549



46, 33.922, 287.258

Rectangle

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



62, 32.039, 95.549



62, 32.039, 145.549



62, 32.039, 275.549



62, 32.039, 325.549

Sweetspot

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



62, 32.040, 95.553



83, 11.801, 99.091



48, 31.009, 8.678



44, 8.331, 98.851



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, 32.040, 95.553



77, 47.120, 94.386



64, 39.369, 119.358



34, 4.148, 99.535



50, 56.382, 88.448



4, 6.131, 97.582

Inverse Universe

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



46, 33.922, 287.258



54, 50.959, 289.416



44, 43.107, 304.918



32, 4.196, 281.680



20, 75.962, 302.032



1, 6.588, 281.666

Previews

White Background



This preview shows how the CIELCh color 62, 32.039, 95.549 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, 32.039, 95.549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

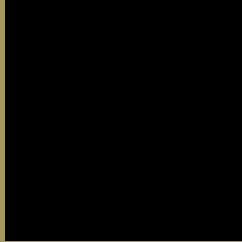
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 32.039, 95.549

Background



This preview shows how black text looks on a background with the CIELCh color 62, 32.039, 95.549.



This preview shows how white text looks on a background with the CIELCh color 62, 32.039, 95.549.

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, 32.039, 95.549

Protanopia

62, 32.039, 95.549

Deuteranopia

62, 32.468, 75.633



Tritanopia
62, 12.814, 349.159

Trichromacy



Original Color
62, 32.039, 95.549

Protanomaly
62, 32.039, 95.549

Deuteranomaly
62, 31.524, 81.957

Tritanomaly
62, 11.966, 57.262

Monochromacy



Original Color
62, 32.039, 95.549

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 11.918, 98.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 32.039, 95.549 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, 93)` looks like.

```
.text, #text, p{  
    color:rgb(164, 150, 93)  
}
```

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, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 150, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 32.039, 95.549 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, 93) }
```

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

```
.border{ border-color:rgb(164, 150, 93) }
```

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, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 150, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 150, 93);  
box-shadow:4px 4px 4px 4px rgb(164, 150,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 32.039, 95.549 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, 93) }
```

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

```
.background{ background-color: rgb(164,  
150, 93) }
```

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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