

Converting Colors

CIELCh(61, 31.491, 99.299)

Have a look what the booklet for
CIELCh(61, 31.491, 99.299) contains.

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Color

CIELCh(61, 31.194, 99.362)

Conversions

Conversions Part 1

Format	Color
Hex	9D945C
RGB	157, 148, 92
RGB Percent	62%, 58%, 36%
CMY	0.3831, 0.4184, 0.6381
CMYK	0.00, 0.06, 0.41, 0.38
HSL	52°, 26%, 49%
HSV	52°, 41%, 62%
XYZ	26.5438, 29.2481, 14.4350
YIQ	144.3070, 23.3400, -15.5080

Conversions

Conversions Part 2

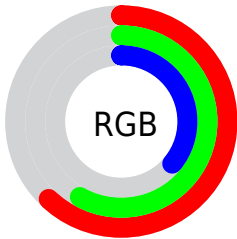
Format	Color
RYB	102, 157, 92
Decimal	10327132
CIELab	61.00, -5.07, 30.78
CIELCh	61, 31.194, 99.362
Yxy	29.2481, 0.3780, 0.4165
Android (android.graphics.Color)	4288517212 (0xFF9D945C)
YUV	144.3070, -25.7874, 11.1318
Hunter-Lab	54.0815, -7.0330, 22.0319

Details

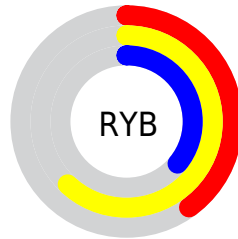
The CIELCh color **61, 31.194, 99.362** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **44, 33.525, 289.843**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 31.285, 99.160**, and **41, 31.619, 100.035** is the 20% darker color. If you saturate the color by 10%, you get **60, 38.436, 98.257**, and if you desaturate by 10%, it is **62, 23.735, 100.476**.

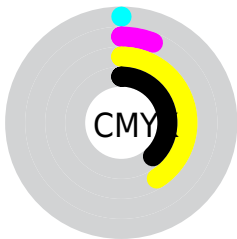
Distribution



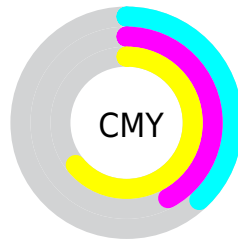
- Red (62%)
- Green (58%)
- Blue (36%)



- Red (40%)
- Yellow (62%)
- Blue (36%)



- Cyan (0%)
- Magenta (6%)
- Yellow (41%)
- Black (38%)



- Cyan (38%)
- Magenta (42%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 31.194, 99.362 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 61, 31.194, 99.362 by changing the saturation by 10% instead.

■ 61, 31.194, 99.362

■ 61, 31.194, 99.362

■ 100, 31.194,
99.362

■ 51, 31.194, 99.362

■ 81, 31.194, 99.362

■ 41, 31.194, 99.362

■ 91, 31.194, 99.362

■ 31, 31.194, 99.362

■ 21, 31.194, 99.362

■ 11, 31.194, 99.362

■ 1, 31.194, 99.362

■ 0, 31.194, 99.362

■ 61, 31.194, 99.362

■ 61, 31.194, 99.362

■ 60, 38.436, 98.257

■ 62, 23.735,

■ 59, 45.264, 97.162

100.476

■ 59, 51.381, 96.091

■ 63, 16.174,
101.576

■ 58, 56.361, 95.049

■ 64, 8.583, 102.654

■ 57, 59.724, 94.024

■ 65, 1.004, 103.618

■ 57, 61.544, 93.144

■ 66, 6.539, 284.761

■ 67, 14.033,
285.736

■ 68, 21.468,
286.676

■ 69, 28.841,
287.572

■ 70, 36.150,
288.424

Harmonies

Complementary

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



61, 31.194, 99.362



44, 33.525, 289.843

Rectangle

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



61, 31.194, 99.362



61, 31.194, 149.362



61, 31.194, 279.362



61, 31.194, 329.362

Sweetspot

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



61, 31.195, 99.366



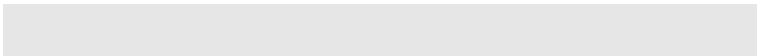
81, 11.229, 102.559



47, 28.434, 12.087



42, 7.433, 102.434



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 31.195, 99.366



76, 46.280, 98.299



62, 36.779, 121.496



33, 4.296, 102.874



52, 57.377, 93.233



4, 5.472, 102.439

Inverse Universe

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



44, 33.525, 289.843



52, 51.010, 291.847



44, 39.810, 306.312



31, 4.360, 284.903



18, 79.373, 303.729



1, 5.674, 284.234

Previews

White Background



This preview shows how the CIELCh color 61, 31.194, 99.362 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 31.194, 99.362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

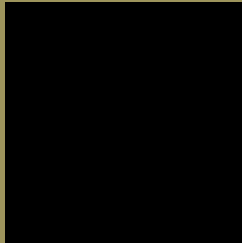
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 31.194, 99.362

Background



This preview shows how black text looks on a background with the CIELCh color 61, 31.194, 99.362.



This preview shows how white text looks on a background with the CIELCh color 61, 31.194, 99.362.

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

61, 31.194, 99.362

Protanopia

61, 31.090, 95.238

Deuteranopia

61, 31.091, 76.095



Tritanopia
61, 10.895, 346.007

Trichromacy



Original Color
61, 31.194, 99.362

Protanomaly
61, 30.997, 96.040

Deuteranomaly
61, 30.789, 84.899

Tritanomaly
61, 10.809, 66.174

Monochromacy



Original Color
61, 31.194, 99.362

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 11.280, 102.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 31.194, 99.362 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(157, 148, 92)` looks like.

```
.text, #text, p{  
    color:rgb(157, 148, 92)  
}
```

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(157, 148, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 148, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 31.194, 99.362 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(157, 148, 92) }
```

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

```
.border{ border-color:rgb(157, 148, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 148, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 148, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 148, 92);  
box-shadow:4px 4px 4px 4px rgb(157, 148,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 31.194, 99.362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 148, 92) }
```

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

```
.background{ background-color: rgb(157,  
148, 92) }
```

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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