

Converting Colors

CIELCh(63, 32.728, 101.808)

Have a look what the booklet for
CIELCh(63, 32.728, 101.808)
contains.

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Color

CIELCh(63, 32.479, 101.194)

Conversions

Conversions Part 1

Format	Color
Hex	A19A5F
RGB	161, 154, 95
RGB Percent	63%, 60%, 37%
CMY	0.3680, 0.3954, 0.6269
CMYK	0.00, 0.04, 0.41, 0.37
HSL	54°, 26%, 50%
HSV	54°, 41%, 63%
XYZ	28.3854, 31.5869, 15.4630
YIQ	149.3670, 23.1110, -16.8650

Conversions

Conversions Part 2

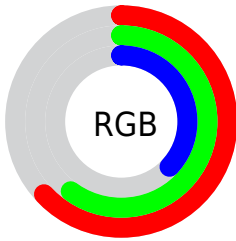
Format	Color
RYB	103, 161, 95
Decimal	10590815
CIELab	63.00, -6.31, 31.86
CIELCh	63, 32.479, 101.194
Yxy	31.5869, 0.3763, 0.4187
Android (android.graphics.Color)	4288780895 (0xFFA19A5F)
YUV	149.3670, -26.8029, 10.2021
Hunter-Lab	56.2022, -8.2011, 23.0290

Details

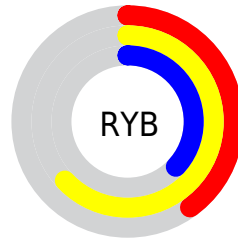
The CIELCh color $63, 32.479, 101.194$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $45, 35.197, 291.301$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 32.545, 100.891$, and $43, 32.471, 101.111$ is the 20% darker color. If you saturate the color by 10%, you get $62, 40.029, 100.143$, and if you desaturate by 10%, it is $64, 24.674, 102.264$.

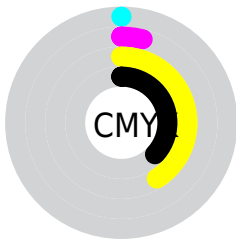
Distribution



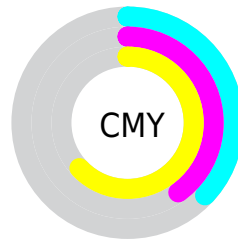
- Red (63%)
- Green (60%)
- Blue (37%)



- Red (40%)
- Yellow (63%)
- Blue (37%)



- Cyan (0%)
- Magenta (4%)
- Yellow (41%)
- Black (37%)





- Cyan (37%)
- Magenta (40%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 32.479, 101.194 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 63, 32.479, 101.194 by changing the saturation by 10% instead.


 63, 32.479,
101.194


 63, 32.479,
101.194


 100, 32.479,
101.194


 53, 32.479,
101.194


 83, 32.479,
101.194

 43, 32.479,
101.194

 93, 32.479,
101.194

 33, 32.479,
101.194

 23, 32.479,
101.194

 13, 32.479,
101.194

 3, 32.479, 101.194

 0, 32.479, 101.194

63, 32.479,
101.194

63, 32.479,
101.194

62, 40.029,
100.143

64, 24.674,
102.264

62, 47.117, 99.116

65, 16.738,
103.328

61, 53.434, 98.135

65, 8.751, 104.374

60, 58.553, 97.213

66, 0.758, 105.290

60, 62.006, 96.355

67, 7.211, 286.423

59, 63.882, 95.620

68, 15.138,
287.378

69, 23.014,
288.297

70, 30.832,
289.174

■ 71, 38.588,
290.008

Harmonies

Complementary

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



63, 32.479, 101.194



45, 35.197, 291.301

Rectangle

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



63, 32.479, 101.194



63, 32.479, 151.194



63, 32.479, 281.194



63, 32.479, 331.194

Sweetspot

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



63, 32.480, 101.198



83, 11.846, 104.243



48, 28.727, 14.574



43, 7.842, 104.119



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 32.480, 101.198



79, 47.639, 100.252



63, 37.449, 122.825



34, 4.562, 104.547



54, 59.260, 95.689



4, 6.890, 103.956

Inverse Universe

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



45, 35.197, 291.301



52, 52.959, 293.114



45, 40.333, 307.351



32, 4.639, 286.530



18, 82.605, 304.510



1, 7.195, 285.995

Previews

White Background



This preview shows how the CIELCh color 63, 32.479, 101.194 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 63, 32.479, 101.194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

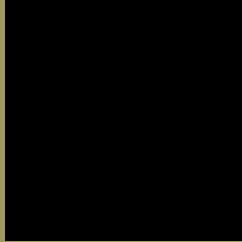
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 32.479, 101.194

Background



This preview shows how black text looks on a background with the CIELCh color 63, 32.479, 101.194.



This preview shows how white text looks on a background with the CIELCh color 63, 32.479, 101.194.

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

63, 32.479, 101.194

Protanopia

63, 32.494, 95.711

Deuteranopia

63, 32.333, 75.734



Tritanopia
63, 10.188, 343.374

Trichromacy



Original Color
63, 32.479, 101.194

Protanomaly
63, 32.742, 98.108

Deuteranomaly
63, 31.794, 84.874

Tritanomaly
63, 10.610, 71.412

Monochromacy



Original Color
63, 32.479, 101.194

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 12.272, 105.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 32.479, 101.194 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, 154, 95)` looks like.

```
.text, #text, p{  
    color:rgb(161, 154, 95)  
}
```

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, 154, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 154, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 32.479, 101.194 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, 154, 95) }
```

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

```
.border{ border-color:rgb(161, 154, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 154, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 154, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 154, 95);  
box-shadow:4px 4px 4px 4px rgb(161, 154,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 32.479, 101.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 154, 95) }
```

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

```
.background{ background-color: rgb(161,  
154, 95) }
```

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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