

Converting Colors

CIELCh(63, 30.926, 100.317)

Have a look what the booklet for
CIELCh(63, 30.926, 100.317)
contains.

CIELCh(63, 30.946, 100.319)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(63, 30.946, 100.319)

Conversions

Conversions Part 1

Format	Color
Hex	A29A62
RGB	162, 154, 98
RGB Percent	64%, 60%, 38%
CMY	0.3655, 0.3968, 0.6164
CMYK	0.00, 0.05, 0.40, 0.37
HSL	53°, 26%, 51%
HSV	53°, 40%, 63%
XYZ	28.5799, 31.5869, 16.1010
YIQ	150.0080, 22.7440, -15.7200

Conversions

Conversions Part 2

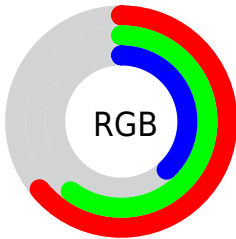
Format	Color
RYB	107, 162, 98
Decimal	10656354
CIELab	63.00, -5.54, 30.45
CIELCh	63, 30.946, 100.319
Yxy	31.5869, 0.3747, 0.4142
Android (android.graphics.Color)	4288846434 (0xFFA29A62)
YUV	150.0080, -25.6399, 10.5170
Hunter-Lab	56.2022, -7.5832, 22.3560

Details

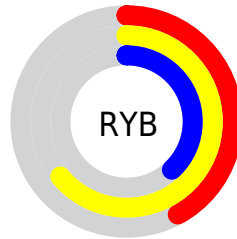
The CIELCh color **63, 30.946, 100.319** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **46, 33.251, 290.168**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 31.069, 99.998**, and **43, 30.932, 100.262** is the 20% darker color. If you saturate the color by 10%, you get **62, 38.472, 99.233**, and if you desaturate by 10%, it is **64, 23.207, 101.416**.

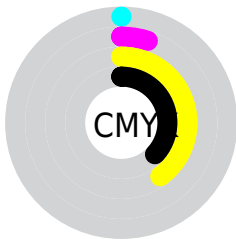
Distribution



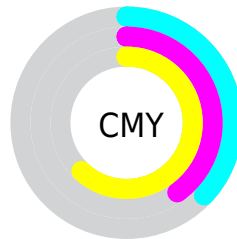
- Red (64%)
- Green (60%)
- Blue (38%)



- Red (42%)
- Yellow (64%)
- Blue (38%)



- Cyan (0%)
- Magenta (5%)
- Yellow (40%)
- Black (37%)





- Cyan (37%)
- Magenta (40%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 30.946, 100.319 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, 30.946, 100.319 by changing the saturation by 10% instead.


 63, 30.946,
100.319


 63, 30.946,
100.319


 100, 30.946,
100.319


 53, 30.946,
100.319


 83, 30.946,
100.319

 43, 30.946,
100.319

 93, 30.946,
100.319

 33, 30.946,
100.319

 23, 30.946,
100.319

 13, 30.946,
100.319

 3, 30.946, 100.319

 0, 30.946, 100.319

63, 30.946,
100.319

63, 30.946,
100.319

62, 38.472, 99.233

64, 23.207,
101.416

61, 45.596, 98.162

65, 15.366,
102.500

61, 52.026, 97.121

60, 57.348, 96.122

66, 7.495, 103.561

59, 61.075, 95.162

67, 0.367, 284.890

59, 63.232, 94.227

68, 8.194, 285.635

59, 63.328, 94.185

69, 15.972,
286.598

70, 23.693,
287.523

71, 31.352,
288.406

■ 72, 38.945,
289.243

Harmonies

Complementary

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



63, 30.946, 100.319



46, 33.251, 290.168

Rectangle

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



63, 30.946, 100.319



63, 30.946, 150.319



63, 30.946, 280.319



63, 30.946, 330.319

Sweetspot

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



63, 30.947, 100.323



82, 11.619, 103.280



49, 27.729, 13.061



43, 7.692, 103.154



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, 30.947, 100.323



79, 45.047, 99.415



63, 36.183, 122.241



34, 4.474, 103.589



53, 58.581, 94.271



4, 6.722, 102.719

Inverse Universe

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



46, 33.251, 290.168



54, 49.466, 291.835



46, 38.936, 306.717



32, 4.544, 285.604



18, 81.423, 304.095



1, 7.067, 285.161

Previews

White Background



This preview shows how the CIELCh color 63, 30.946, 100.319 looks on a white background.

Color Contrast Check

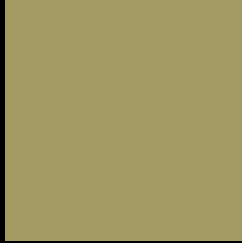
Large Text (above 18pt) WCAG AA × Fail

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, 30.946, 100.319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

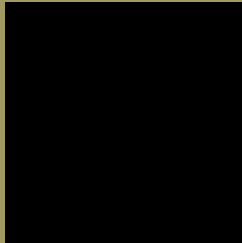
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 30.946, 100.319

Background



This preview shows how black text looks on a background with the CIELCh color 63, 30.946, 100.319.



This preview shows how white text looks on a background with the CIELCh color 63, 30.946, 100.319.

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, 30.946, 100.319

Protanopia

63, 30.924, 95.383

Deuteranopia

63, 30.644, 75.142



Tritanopia
63, 10.837, 342.295

Trichromacy



Original Color
63, 30.946, 100.319

Protanomaly
63, 31.166, 97.897

Deuteranomaly
63, 30.092, 84.773

Tritanomaly
63, 10.026, 65.879

Monochromacy



Original Color
63, 30.946, 100.319

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 11.212, 102.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 30.946, 100.319 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(162, 154, 98)` looks like.

```
.text, #text, p{  
    color:rgb(162, 154, 98)  
}
```

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(162, 154, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 154, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 30.946, 100.319 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(162, 154, 98) }
```

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

```
.border{ border-color:rgb(162, 154, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 154, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 154, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 154, 98);  
box-shadow:4px 4px 4px 4px rgb(162, 154,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 30.946, 100.319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 154, 98) }
```

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

```
.background{ background-color: rgb(162,  
154, 98) }
```

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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