

Converting Colors

CIELCh(63, 32.945, 104.069)

Have a look what the booklet for
CIELCh(63, 32.945, 104.069)
contains.

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Color

CIELCh(63, 32.847, 104.268)

Conversions

Conversions Part 1

Format	Color
Hex	9E9B5F
RGB	158, 155, 95
RGB Percent	62%, 61%, 37%
CMY	0.3800, 0.3917, 0.6270
CMYK	0.00, 0.02, 0.40, 0.38
HSL	57°, 25%, 50%
HSV	57°, 40%, 62%
XYZ	27.9317, 31.5869, 15.4752
YIQ	149.0570, 21.0480, -18.0240

Conversions

Conversions Part 2

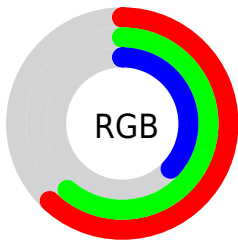
Format	Color
R_{YB}	98, 158, 95
Decimal	10394463
CIE Lab	63.00, -8.10, 31.83
CIE LCh	63, 32.847, 104.268
Yxy	31.5869, 0.3725, 0.4212
Android (android.graphics.Color)	4288584543 (0xFF9E9B5F)
YUV	149.0570, -26.6501, 7.8430
Hunter-Lab	56.2022, -9.6421, 23.0162

Details

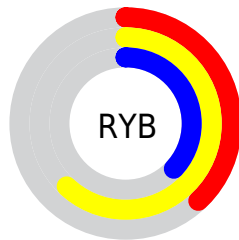
The CIELCh color $63, 32.847, 104.268$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $44, 35.976, 293.566$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 32.882, 103.758$, and $43, 32.862, 104.482$ is the 20% darker color. If you saturate the color by 10%, you get $63, 40.621, 103.313$, and if you desaturate by 10%, it is $63, 24.777, 105.258$.

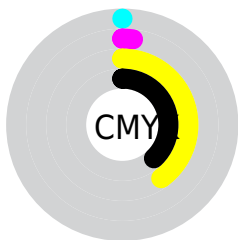
Distribution



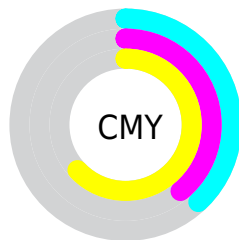
- Red (62%)
- Green (61%)
- Blue (37%)



- Red (38%)
- Yellow (62%)
- Blue (37%)



- Cyan (0%)
- Magenta (2%)
- Yellow (40%)
- Black (38%)





- Cyan (38%)
- Magenta (39%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 32.847, 104.268 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, 32.847, 104.268 by changing the saturation by 10% instead.


 63, 32.847,
104.268


 63, 32.847,
104.268


 100, 32.847,
104.268


 53, 32.847,
104.268


 83, 32.847,
104.268

 43, 32.847,
104.268

 93, 32.847,
104.268

 33, 32.847,
104.268

 23, 32.847,
104.268

 13, 32.847,
104.268

 3, 32.847, 104.268

 0, 32.847, 104.268

■ 63, 32.847,
104.268

■ 63, 32.847,
104.268

■ 63, 40.621,
103.313

■ 63, 24.777,
105.258

■ 62, 47.893,
102.406

■ 64, 16.539,
106.253

■ 62, 54.364,
101.579

■ 65, 8.219, 107.241

■ 62, 59.635,
100.859

■ 65, 0.133, 288.751

■ 66, 8.481, 289.182

■ 61, 63.290,
100.271

■ 67, 16.805,
290.096

■ 61, 65.476, 99.796

■ 67, 25.090,
290.975

■ 61, 65.508, 99.789

■ 68, 33.325,
291.815

■ 69, 41.502,
292.613

Harmonies

Complementary

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



63, 32.847, 104.268



44, 35.976, 293.566

Rectangle

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



63, 32.847, 104.268



63, 32.847, 154.268



63, 32.847, 284.268



63, 32.847, 334.268

Sweetspot

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



63, 32.848, 104.271



82, 12.445, 107.007



47, 27.617, 19.430



44, 8.320, 106.888



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, 32.848, 104.271



80, 48.687, 103.399



62, 36.472, 125.418



33, 4.717, 107.299



56, 60.821, 99.817



4, 6.125, 107.726

Inverse Universe

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



44, 35.976, 293.566



51, 54.876, 295.304



46, 38.842, 309.411



31, 4.809, 289.178



16, 84.482, 305.509



0, 6.212, 288.316

Previews

White Background



This preview shows how the CIELCh color 63, 32.847, 104.268 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, 32.847, 104.268 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, 32.847, 104.268

Background



This preview shows how black text looks on a background with the CIELCh color 63, 32.847, 104.268.



This preview shows how white text looks on a background with the CIELCh color 63, 32.847, 104.268.

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, 32.847, 104.268

Protanopia

63, 32.494, 95.711

Deuteranopia

63, 32.333, 75.734



Tritanopia
63, 9.663, 336.393

Trichromacy



Original Color
63, 32.847, 104.268

Protanomaly
63, 32.674, 98.870

Deuteranomaly
63, 31.616, 85.613

Tritanomaly
63, 9.192, 77.452

Monochromacy



Original Color
63, 32.847, 104.268

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 12.270, 106.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 32.847, 104.268 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(158, 155, 95)` looks like.

```
.text, #text, p{  
    color:rgb(158, 155, 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(158, 155, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 155, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 32.847, 104.268 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(158, 155, 95) }
```

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

```
.border{ border-color:rgb(158, 155, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 155, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 155, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 155, 95);  
box-shadow:4px 4px 4px 4px rgb(158, 155,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 32.847, 104.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 155, 95) }
```

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

```
.background{ background-color: rgb(158,  
155, 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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