

Converting Colors

CIELCh(63, 2.564, 324.044)

Have a look what the booklet for
CIELCh(63, 2.564, 324.044) contains.

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Color

CIELCh(63, 2.733, 324.502)

Conversions

Conversions Part 1

Format	Color
Hex	9B979B
RGB	155, 151, 155
RGB Percent	61%, 59%, 61%
CMY	0.3911, 0.4068, 0.3911
CMYK	0.00, 0.03, 0.00, 0.39
HSL	300°, 2%, 60%
HSV	300°, 3%, 61%
XYZ	30.6148, 31.5869, 35.6090
YIQ	152.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

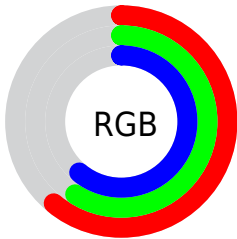
Format	Color
RYB	155, 151, 155
Decimal	10196891
CIELab	63.00, 2.23, -1.59
CIElCh	63, 2.733, 324.502
Yxy	31.5869, 0.3130, 0.3229
Android (android.graphics.Color)	4288386971 (0xFF9B979B)
YUV	152.6520, 1.1576, 2.0592
Hunter-Lab	56.2022, -1.1204, 1.7762

Details

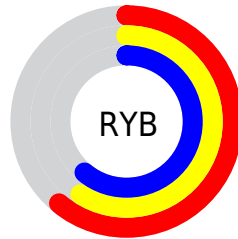
The CIELCh color $63, 2.733, 324.502$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 2.717, 144.381$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 2.586, 324.444$, and $43, 2.937, 324.585$ is the 20% darker color. If you saturate the color by 10%, you get $59, 13.400, 325.099$, and if you desaturate by 10%, it is $67, 7.768, 144.080$.

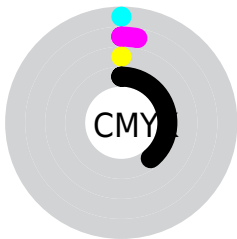
Distribution



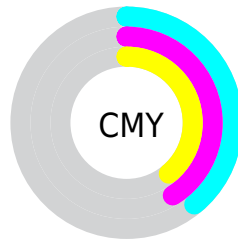
- Red (61%)
- Green (59%)
- Blue (61%)



- Red (61%)
- Yellow (59%)
- Blue (61%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (39%)



- Cyan (39%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 2.733, 324.502 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, 2.733, 324.502 by changing the saturation by 10% instead.

■ 63, 2.733, 324.502

■ 63, 2.733, 324.502

100, 2.733,
324.502

■ 53, 2.733, 324.502

■ 83, 2.733, 324.502

■ 43, 2.733, 324.502

■ 93, 2.733, 324.502

■ 33, 2.733, 324.502

■ 23, 2.733, 324.502

■ 13, 2.733, 324.502

■ 3, 2.733, 324.502

■ 0, 2.733, 324.502


■ 63, 2.733, 324.502


■ 63, 2.733, 324.502


■ 59, 13.400,


■ 67, 7.768, 144.080


325.099

 72, 18.025,
143.551


 55, 24.118,
325.639


 76, 27.995,
143.054


 51, 34.708,
326.161


 80, 37.661,
142.583


 48, 44.921,
326.653

 85, 47.018,
142.139


 45, 54.434,
327.101


 89, 56.071,
141.721


 42, 62.867,
327.487


 92, 62.071,
141.453

 40, 69.827,
327.799

 92, 62.071,
141.453

 38, 74.992,
328.026

 92, 62.071,
141.453

 37, 78.212,
328.166

Harmonies

Complementary

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



63, 2.733, 324.502



64, 2.717, 144.381

Rectangle

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



63, 2.733, 324.502



63, 2.733, 14.502



63, 2.733, 144.502



63, 2.733, 194.502

Sweetspot

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



63, 2.731, 324.502



81, 1.315, 324.300



63, 2.245, 290.446



43, 0.754, 324.284



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



63, 2.731, 324.502



80, 3.933, 324.540



63, 1.917, 343.680



32, 2.369, 324.585



33, 74.068, 328.233



1, 6.386, 324.439

Inverse Universe

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



63, 2.731, 324.502



80, 3.933, 324.540



64, 1.900, 163.623



32, 2.369, 324.585



33, 74.068, 328.233



1, 6.386, 324.439

Previews

White Background



This preview shows how the CIELCh color 63, 2.733, 324.502 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 CIE LCh color 63, 2.733, 324.502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

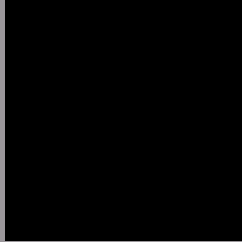
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

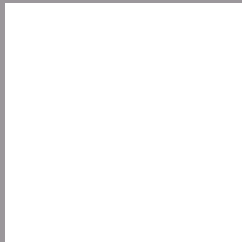
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 2.733, 324.502

Background



This preview shows how black text looks on a background with the CIELCh color 63, 2.733, 324.502.



This preview shows how white text looks on a background with the CIELCh color 63, 2.733, 324.502.

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, 2.733, 324.502

Protanopia

63, 1.859, 314.671

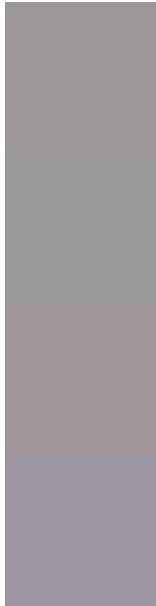
Deuteranopia

63, 7.968, 346.093



Tritanopia
63, 7.123, 309.376

Trichromacy



Original Color

63, 2.733, 324.502

Protanomaly

63, 1.859, 314.671

Deuteranomaly

63, 6.082, 339.924

Tritanomaly

63, 6.075, 312.716

Monochromacy



Original Color

63, 2.733, 324.502

Achromatopsia

63, 0.008, 296.813

Achromatomaly

63, 1.370, 324.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 2.733, 324.502 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(155, 151, 155)` looks like.

```
.text, #text, p{  
    color:rgb(155, 151, 155)  
}
```

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(155, 151, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 151, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 2.733, 324.502 is called "border". The border property can be set on classes, ids or directly on the HTML element.

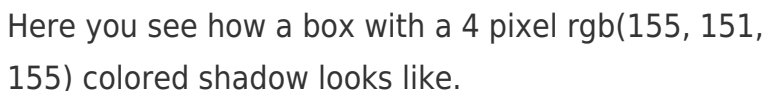
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 151, 155) }
```

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

```
.border{ border-color:rgb(155, 151, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 151, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 151, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 151, 155);  
box-shadow:4px 4px 4px 4px rgb(155, 151,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 2.733, 324.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 151, 155) }
```

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

```
.background{ background-color: rgb(155,  
151, 155) }
```

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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