

Converting Colors

CIELCh(63, 1.828, 329.369)

Have a look what the booklet for
CIELCh(63, 1.828, 329.369) contains.

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Color

CIELCh(63, 1.620, 335.619)

Conversions

Conversions Part 1

Format	Color
Hex	9B989A
RGB	155, 152, 154
RGB Percent	61%, 60%, 60%
CMY	0.3936, 0.4054, 0.3975
CMYK	0.00, 0.02, 0.01, 0.39
HSL	320°, 1%, 60%
HSV	320°, 2%, 61%
XYZ	30.4144, 31.5869, 34.9019
YIQ	153.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

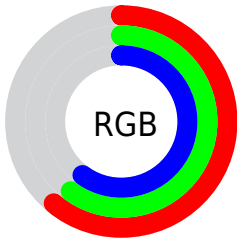
Format	Color
RYB	155, 152, 154
Decimal	10197146
CIELab	63.00, 1.48, -0.67
CIELCh	63, 1.620, 335.619
Yxy	31.5869, 0.3139, 0.3260
Android (android.graphics.Color)	4288387226 (0xFF9B989A)
YUV	153.1250, 0.4314, 1.6444
Hunter-Lab	56.2022, -1.7569, 2.5222

Details

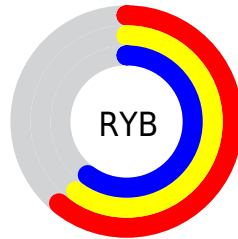
The CIELCh color $63, 1.620, 335.619$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 1.604, 155.726$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 1.534, 335.530$, and $43, 1.740, 335.729$ is the 20% darker color. If you saturate the color by 10%, you get $59, 10.034, 336.478$, and if you desaturate by 10%, it is $67, 6.621, 155.199$.

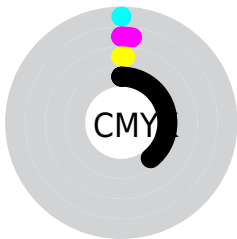
Distribution



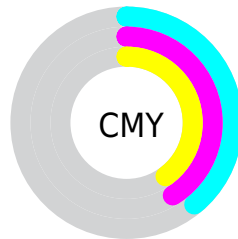
- Red (61%)
- Green (60%)
- Blue (60%)



- Red (61%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (39%)



- Cyan (39%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 1.620, 335.619 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, 1.620, 335.619 by changing the saturation by 10% instead.

■ 63, 1.620, 335.619

■ 63, 1.620, 335.619

100, 1.620,
335.619

■ 53, 1.620, 335.619

■ 83, 1.620, 335.619

■ 43, 1.620, 335.619

■ 93, 1.620, 335.619

■ 33, 1.620, 335.619

■ 23, 1.620, 335.619

■ 13, 1.620, 335.619

■ 3, 1.620, 335.619

■ 0, 1.620, 335.619

■ 63, 1.620, 335.619

■ 63, 1.620, 335.619

■ 59, 10.034,

■ 67, 6.621, 155.199

336.478

72, 14.640,
154.562

55, 18.545,
337.237

76, 22.419,
153.978

51, 27.022,
338.044

81, 29.954,
153.433

47, 35.268,
338.918

85, 37.249,
152.922

43, 43.006,
339.880

90, 44.315,
152.442

40, 49.883,
340.959

93, 48.410,
152.787

38, 55.498,
342.203

93, 46.461,
154.984

36, 59.482,
343.674

93, 44.562,
157.359

35, 61.611,
345.457

Harmonies

Complementary

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



63, 1.620, 335.619



64, 1.604, 155.726

Rectangle

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



63, 1.620, 335.619



63, 1.620, 25.619



63, 1.620, 155.619



63, 1.620, 205.619

Sweetspot

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



63, 1.618, 335.631



81, 1.039, 335.409



63, 1.731, 303.120



43, 0.595, 335.384



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, 1.618, 335.631



80, 2.072, 335.647



63, 1.194, 5.632



32, 0.936, 335.615



30, 58.212, 346.870



1, 5.000, 336.151

Inverse Universe

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



63, 1.618, 335.631



80, 2.072, 335.647



64, 1.179, 186.028



32, 0.936, 335.615



30, 58.212, 346.870



1, 5.000, 336.151

Previews

White Background



This preview shows how the CIELCh color 63, 1.620, 335.619 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, 1.620, 335.619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

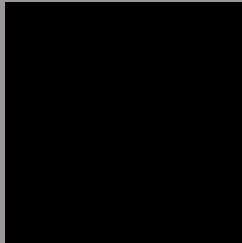
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

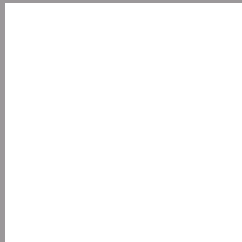
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 1.620, 335.619

Background



This preview shows how black text looks on a background with the CIELCh color 63, 1.620, 335.619.



This preview shows how white text looks on a background with the CIELCh color 63, 1.620, 335.619.

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, 1.620, 335.619

Protanopia

63, 1.620, 335.619

Deuteranopia

63, 7.771, 354.652



Tritanopia
63, 7.123, 309.376

Trichromacy



Original Color
63, 1.620, 335.619

Protanomaly
63, 1.620, 335.619

Deuteranomaly
63, 5.775, 351.021

Tritanomaly
63, 4.751, 309.263

Monochromacy



Original Color
63, 1.620, 335.619

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 0.385, 18.267

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 1.620, 335.619 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, 152, 154)` looks like.

```
.text, #text, p{  
    color:rgb(155, 152, 154)  
}
```

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, 152, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 152, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 1.620, 335.619 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, 152, 154) }
```

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

```
.border{ border-color:rgb(155, 152, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 152, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 152, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 152, 154);  
box-shadow:4px 4px 4px 4px rgb(155, 152,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 1.620, 335.619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 152, 154) }
```

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

```
.background{ background-color: rgb(155,  
152, 154) }
```

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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