

Converting Colors

CIELCh(67, 2.795, 199.052)

Have a look what the booklet for
CIELCh(67, 2.795, 199.052) contains.

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Color

CIELCh(67, 2.995, 199.302)

Conversions

Conversions Part 1

Format	Color
Hex	9DA5A5
RGB	157, 165, 165
RGB Percent	62%, 65%, 65%
CMY	0.3856, 0.3542, 0.3542
CMYK	0.05, 0.00, 0.00, 0.35
HSL	180°, 4%, 63%
HSV	180°, 5%, 65%
XYZ	33.9988, 36.6320, 40.7195
YIQ	162.6080, -4.7680, -1.6960

Conversions

Conversions Part 2

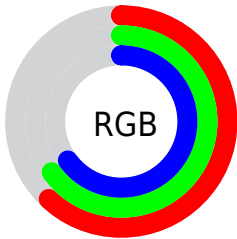
Format	Color
RYB	157, 161, 165
Decimal	10331557
CIELab	67.00, -2.83, -0.99
CIELCh	67, 2.995, 199.302
Yxy	36.6320, 0.3053, 0.3290
Android (android.graphics.Color)	4288521637 (0xFF9DA5A5)
YUV	162.6080, 1.1793, -4.9182
Hunter-Lab	60.5244, -5.6474, 2.4780

Details

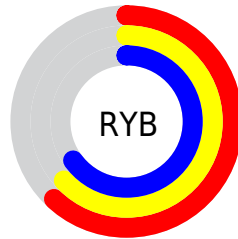
The CIELCh color $67, 2.995, 199.302$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 3.087, 19.514$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 2.846, 199.412$, and $47, 2.800, 199.212$ is the 20% darker color. If you saturate the color by 10%, you get $66, 8.936, 198.649$, and if you desaturate by 10%, it is $68, 3.238, 19.518$.

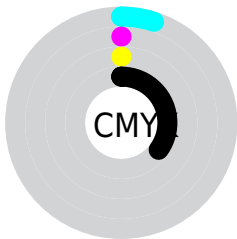
Distribution



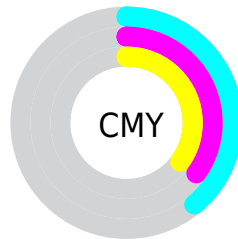
- Red (62%)
- Green (65%)
- Blue (65%)



- Red (62%)
- Yellow (63%)
- Blue (65%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (35%)



- Cyan (39%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 2.995, 199.302 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 67, 2.995, 199.302 by changing the saturation by 10% instead.

■ 67, 2.995, 199.302

■ 67, 2.995, 199.302

■ 100, 2.995,
199.302

■ 57, 2.995, 199.302

■ 87, 2.995, 199.302

■ 47, 2.995, 199.302

■ 97, 2.995, 199.302

■ 37, 2.995, 199.302

■ 27, 2.995, 199.302

■ 17, 2.995, 199.302

■ 7, 2.995, 199.302

■ 0, 2.995, 199.302

■ 67, 2.995, 199.302

■ 67, 2.995, 199.302

■ 66, 8.936, 198.649

■ 68, 3.238, 19.518

65, 14.491,
198.151

70, 9.685, 20.194

64, 19.563,
197.713

71, 16.273, 20.811

63, 24.057,
197.334

73, 22.946, 21.429

62, 27.888,
197.015

77, 36.173, 22.650

62, 30.990,
196.761

77, 36.172, 22.646

62, 33.331,
196.569

77, 36.172, 22.642

61, 34.918,
196.439

77, 36.171, 22.637

61, 35.810,
196.365

Harmonies

Complementary

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



67, 2.995, 199.302



65, 3.087, 19.514

Rectangle

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



67, 2.995, 199.302



67, 2.995, 249.302



67, 2.995, 19.302



67, 2.995, 69.302

Sweetspot

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



67, 2.996, 199.274



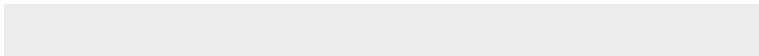
86, 0.769, 200.077



67, 5.364, 143.776



45, 0.437, 200.127



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



67, 2.996, 199.274



85, 4.571, 199.174



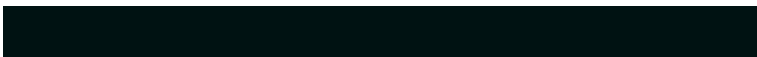
66, 2.625, 254.303



34, 2.415, 199.147



54, 32.974, 196.337



4, 5.463, 199.385

Inverse Universe

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



65, 3.087, 19.514



82, 4.745, 19.625



66, 2.648, 72.901



33, 2.513, 19.656



30, 68.052, 39.251



1, 5.464, 19.380

Previews

White Background



This preview shows how the CIELCh color 67, 2.995, 199.302 looks on a white background.

Color Contrast Check

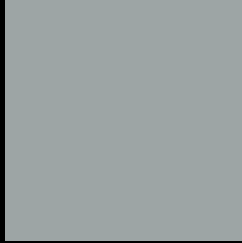
Large Text (above 18pt) WCAG AA × Fail

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 67, 2.995, 199.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

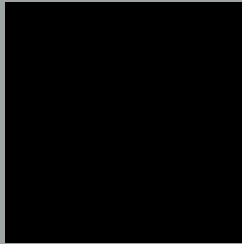
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

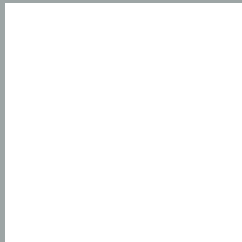
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 2.995, 199.302

Background



This preview shows how black text looks on a background with the CIELCh color 67, 2.995, 199.302.



This preview shows how white text looks on a background with the CIELCh color 67, 2.995, 199.302.

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

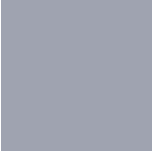
67, 2.995, 199.302

Protanopia

67, 1.629, 359.470

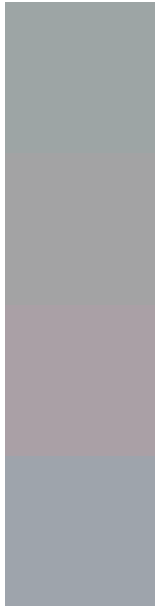
Deuteranopia

67, 8.525, 349.045



Tritanopia
67, 7.304, 279.392

Trichromacy



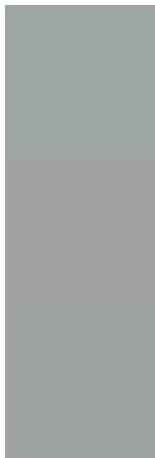
Original Color
67, 2.995, 199.302

Protanomaly
67, 0.560, 290.334

Deuteranomaly
67, 5.070, 339.000

Tritanomaly
67, 4.904, 263.853

Monochromacy



Original Color
67, 2.995, 199.302

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.132, 199.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 2.995, 199.302 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(157, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(157, 165, 165)  
}
```

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(157, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 165, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 2.995, 199.302 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(157, 165, 165) }
```

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

```
.border{ border-color:rgb(157, 165, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(157, 165,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 2.995, 199.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 165, 165) }
```

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

```
.background{ background-color: rgb(157,  
165, 165) }
```

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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