

Converting Colors

CIELCh(67, 6.249, 1.552)

Have a look what the booklet for
CIELCh(67, 6.249, 1.552) contains.

CIELCh(67, 6.548, 0.307)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(67, 6.548, 0.307)

Conversions

Conversions Part 1

Format	Color
Hex	AF9FA3
RGB	175, 159, 163
RGB Percent	69%, 62%, 64%
CMY	0.3131, 0.3758, 0.3602
CMYK	0.00, 0.09, 0.07, 0.31
HSL	345°, 9%, 66%
HSV	345°, 9%, 69%
XYZ	36.7646, 36.6320, 39.8567
YIQ	164.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

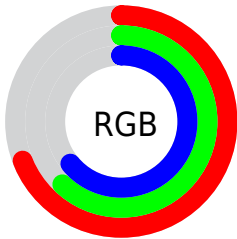
Format	Color
R _Y B	175, 159, 163
Decimal	11509667
CIE Lab	67.00, 6.55, 0.04
CIE LCh	67, 6.548, 0.307
Yxy	36.6320, 0.3246, 0.3235
Android (android.graphics.Color)	4289699747 (0xFFAF9FA3)
YUV	164.2400, -0.6113, 9.4365
Hunter-Lab	60.5244, 2.5094, 3.3232

Details

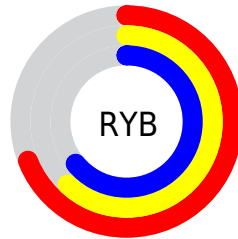
The CIELCh color $67, 6.548, 0.307$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 6.348, 178.775$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 6.539, 1.207$, and $47, 6.061, 3.157$ is the 20% darker color. If you saturate the color by 10%, you get $62, 14.021, 1.431$, and if you desaturate by 10%, it is $72, 0.601, 180.201$.

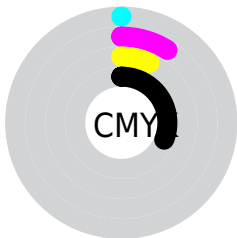
Distribution



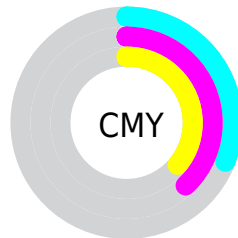
- Red (69%)
- Green (62%)
- Blue (64%)



- Red (69%)
- Yellow (62%)
- Blue (64%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (31%)



- Cyan (31%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 6.548, 0.307 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, 6.548, 0.307 by changing the saturation by 10% instead.

 67, 6.548, 0.307

 67, 6.548, 0.307

 100, 6.548, 0.307

 57, 6.548, 0.307

 87, 6.548, 0.307

 47, 6.548, 0.307

 97, 6.548, 0.307

 37, 6.548, 0.307

 27, 6.548, 0.307

 17, 6.548, 0.307

 7, 6.548, 0.307

 0, 6.548, 0.307

 67, 6.548, 0.307

 67, 6.548, 0.307

 62, 14.021, 1.431

 72, 0.601, 180.201

57, 21.768, 2.711

77, 7.402, 178.702

53, 29.675, 4.240

82, 13.864,
177.951

49, 37.558, 6.108

87, 20.003,
177.295

45, 45.150, 8.435

42, 52.128, 11.369

92, 25.845,
176.705

39, 58.193, 15.067

95, 27.022,
183.313

38, 63.205, 19.630

37, 67.467, 24.814

95, 25.342,
197.855

Harmonies

Complementary

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



67, 6.548, 0.307



70, 6.348, 178.775

Rectangle

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



67, 6.548, 0.307



67, 6.548, 50.307



67, 6.548, 180.307



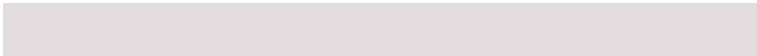
67, 6.548, 230.307

Sweetspot

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



67, 6.546, 0.317



88, 2.619, 359.597



67, 9.962, 317.661



47, 2.004, 359.714



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 6.546, 0.317



84, 9.777, 0.538



68, 5.138, 44.942



34, 4.025, 0.335



31, 60.352, 24.479



2, 8.167, 2.958

Inverse Universe

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



67, 6.546, 0.317



84, 9.777, 0.538



69, 4.874, 225.983



34, 4.025, 0.335



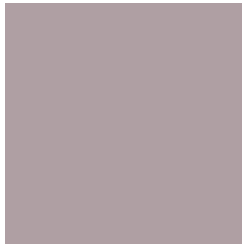
31, 60.352, 24.479



2, 8.167, 2.958

Previews

White Background



This preview shows how the CIELCh color 67, 6.548, 0.307 looks on a white background.

Color Contrast Check

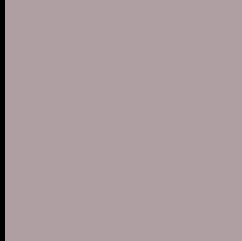
Large Text (above 18pt) WCAG AA × Fail

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, 6.548, 0.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

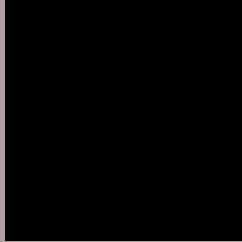
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 6.548, 0.307

Background



This preview shows how black text looks on a background with the CIELCh color 67, 6.548, 0.307.



This preview shows how white text looks on a background with the CIELCh color 67, 6.548, 0.307.

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, 6.548, 0.307

Protanopia

67, 2.027, 324.430

Deuteranopia

67, 8.567, 1.459



Tritanopia
67, 9.544, 336.346

Trichromacy



Original Color

67, 6.548, 0.307

Protanomaly

67, 3.488, 351.283

Deuteranomaly

67, 8.198, 0.534

Tritanomaly

67, 8.827, 341.536

Monochromacy



Original Color

67, 6.548, 0.307

Achromatopsia

67, 0.008, 296.813

Achromatomaly

67, 2.551, 353.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 6.548, 0.307 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(175, 159, 163)` looks like.

```
.text, #text, p{  
    color:rgb(175, 159, 163)  
}
```

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(175, 159, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 159, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 6.548, 0.307 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(175, 159, 163) }
```

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

```
.border{ border-color:rgb(175, 159, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 159, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 159, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 159, 163);  
box-shadow:4px 4px 4px 4px rgb(175, 159,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 6.548, 0.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 159, 163) }
```

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

```
.background{ background-color: rgb(175,  
159, 163) }
```

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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