

Converting Colors

CIELCh(67, 5.751, 19.982)

Have a look what the booklet for
CIELCh(67, 5.751, 19.982) contains.

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Color

CIELCh(67, 5.807, 19.852)

Conversions

Conversions Part 1

Format	Color
Hex	AFA0A0
RGB	175, 160, 160
RGB Percent	69%, 63%, 63%
CMY	0.3150, 0.3738, 0.3738
CMYK	0.00, 0.09, 0.09, 0.32
HSL	0°, 9%, 66%
HSV	0°, 9%, 68%
XYZ	36.4367, 36.6320, 38.2597
YIQ	164.4850, 8.9400, 3.1800

Conversions

Conversions Part 2

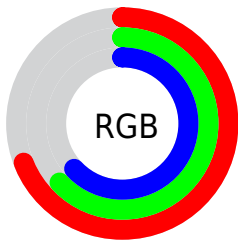
Format	Color
RYB	175, 160, 160
Decimal	11509920
CIELab	67.00, 5.46, 1.97
CIELCh	67, 5.807, 19.852
Yxy	36.6320, 0.3273, 0.3290
Android (android.graphics.Color)	4289700000 (0xFFAFA0A0)
YUV	164.4850, -2.2111, 9.2217
Hunter-Lab	60.5244, 1.5426, 4.8876

Details

The CIELCh color $67, 5.807, 19.852$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 5.505, 199.050$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 5.846, 19.732$, and $47, 5.412, 19.990$ is the 20% darker color. If you saturate the color by 10%, you get $62, 13.068, 20.692$, and if you desaturate by 10%, it is $72, 0.920, 199.893$.

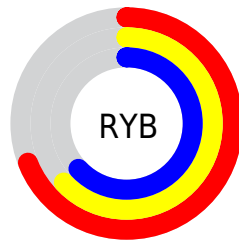
Distribution



Red (69%)

Green (63%)

Blue (63%)



Red (69%)

Yellow (63%)

Blue (63%)

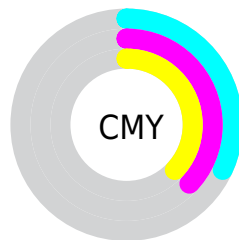


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (32%)



Cyan (32%)

Magenta (37%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 5.807, 19.852 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, 5.807, 19.852 by changing the saturation by 10% instead.

 67, 5.807, 19.852  67, 5.807, 19.852

 100, 5.807, 19.852  57, 5.807, 19.852

 87, 5.807, 19.852  47, 5.807, 19.852


 97, 5.807, 19.852  37, 5.807, 19.852

 27, 5.807, 19.852

 17, 5.807, 19.852

 7, 5.807, 19.852

 0, 5.807, 19.852

 67, 5.807, 19.852  67, 5.807, 19.852

 62, 13.068, 20.692  72, 0.920, 199.893

57, 20.877, 21.709

77, 7.145, 198.944

53, 29.202, 23.023

82, 12.915,
198.534

48, 37.948, 24.734

88, 18.280,
198.218

45, 46.938, 26.948

41, 55.913, 29.747

93, 23.288,
197.964

39, 64.507, 33.090

95, 25.477,
197.846

37, 72.100, 36.598

36, 77.854, 39.532

Harmonies

Complementary

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



67, 5.807, 19.852



70, 5.505, 199.050

Rectangle

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



67, 5.807, 19.852



67, 5.807, 69.852



67, 5.807, 199.852



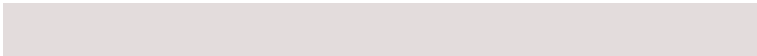
67, 5.807, 249.852

Sweetspot

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



67, 5.806, 19.869



88, 2.458, 19.355



67, 10.048, 324.882



47, 1.884, 19.455



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, 5.806, 19.869



84, 8.420, 19.993



69, 5.010, 74.325



34, 3.817, 19.925



31, 69.980, 39.449



2, 7.800, 19.418

Inverse Universe

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



70, 5.505, 199.050



89, 7.903, 198.953



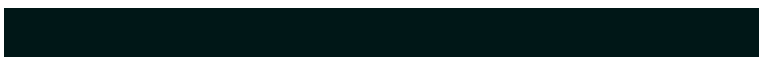
68, 4.916, 256.577



36, 3.603, 199.005



56, 33.799, 196.415



6, 7.799, 199.445

Previews

White Background



This preview shows how the CIELCh color 67, 5.807, 19.852 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, 5.807, 19.852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

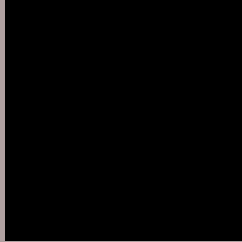
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

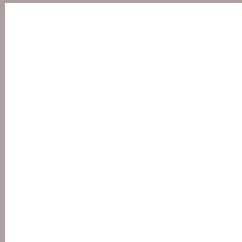
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 5.807, 19.852

Background



This preview shows how black text looks on a background with the CIELCh color 67, 5.807, 19.852.



This preview shows how white text looks on a background with the CIELCh color 67, 5.807, 19.852.

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, 5.807, 19.852

Protanopia

67, 1.619, 39.125

Deuteranopia

67, 8.627, 12.852



Tritanopia
67, 9.544, 336.346

Trichromacy



Original Color
67, 5.807, 19.852

Protanomaly
67, 3.071, 19.529

Deuteranomaly
67, 7.398, 15.772

Tritanomaly
67, 7.580, 349.504

Monochromacy



Original Color
67, 5.807, 19.852

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 2.296, 19.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 5.807, 19.852 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, 160, 160)` looks like.

```
.text, #text, p{  
    color:rgb(175, 160, 160)  
}
```

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, 160, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 160, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 5.807, 19.852 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, 160, 160) }
```

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

```
.border{ border-color:rgb(175, 160, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 160, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 160, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 160, 160);  
box-shadow:4px 4px 4px 4px rgb(175, 160,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 5.807, 19.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 160, 160) }
```

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

```
.background{ background-color: rgb(175,  
160, 160) }
```

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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