

Converting Colors

CIELCh(67, 7.567, 168.478)

Have a look what the booklet for
CIELCh(67, 7.567, 168.478) contains.

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Color

CIELCh(67, 7.515, 167.856)

Conversions

Conversions Part 1

Format	Color
Hex	96A7A0
RGB	150, 167, 160
RGB Percent	59%, 65%, 63%
CMY	0.4120, 0.3453, 0.3728
CMYK	0.10, 0.00, 0.04, 0.35
HSL	155°, 9%, 62%
HSV	155°, 10%, 65%
XYZ	32.7163, 36.6320, 38.5786
YIQ	161.1190, -7.8850, -5.7810

Conversions

Conversions Part 2

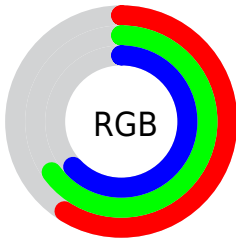
Format	Color
RYB	150, 161, 167
Decimal	9873312
CIELab	67.00, -7.35, 1.58
CIELCh	67, 7.515, 167.856
Yxy	36.6320, 0.3031, 0.3394
Android (android.graphics.Color)	4288063392 (0xFF96A7A0)
YUV	161.1190, -0.5517, -9.7514
Hunter-Lab	60.5244, -9.4298, 4.5752

Details

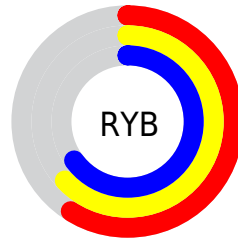
The CIELCh color $67, 7.515, 167.856$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 7.662, 349.547$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 7.433, 169.441$, and $47, 7.373, 169.805$ is the 20% darker color. If you saturate the color by 10%, you get $66, 14.833, 166.871$, and if you desaturate by 10%, it is $68, 0.131, 171.595$.

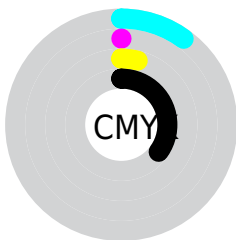
Distribution



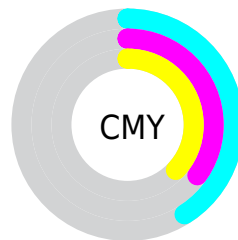
- Red (59%)
- Green (65%)
- Blue (63%)



- Red (59%)
- Yellow (63%)
- Blue (65%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (35%)



- Cyan (41%)
- Magenta (35%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 7.515, 167.856 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, 7.515, 167.856 by changing the saturation by 10% instead.

■ 67, 7.515, 167.856

■ 67, 7.515, 167.856

■ 100, 7.515,
167.856

■ 57, 7.515, 167.856

■ 87, 7.515, 167.856

■ 47, 7.515, 167.856

■ 97, 7.515, 167.856

■ 37, 7.515, 167.856

■ 27, 7.515, 167.856

■ 17, 7.515, 167.856

■ 7, 7.515, 167.856

■ 0, 7.515, 167.856

■ 67, 7.515, 167.856

■ 67, 7.515, 167.856

■ 66, 14.833,

■ 68, 0.131, 171.595

166.871

70, 7.245, 349.429

65, 21.984,
165.814

72, 14.549,
350.208

64, 28.859,
164.646

74, 21.737,
350.921

63, 35.338,
163.344

75, 28.777,
351.589

62, 41.304,
161.883

77, 35.648,
352.218

61, 46.654,
160.239

78, 38.731,
348.952

61, 51.323,
158.395

78, 40.538,
344.461

61, 55.298,
156.345

79, 42.596,
340.414

60, 58.685,
154.229

Harmonies

Complementary

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



67, 7.515, 167.856



64, 7.662, 349.547

Rectangle

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



67, 7.515, 167.856



67, 7.515, 217.856



67, 7.515, 347.856



67, 7.515, 37.856

Sweetspot

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



67, 7.517, 167.851



86, 2.736, 168.600



67, 10.135, 131.513



46, 2.092, 168.497



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 7.517, 167.851



84, 10.947, 167.655



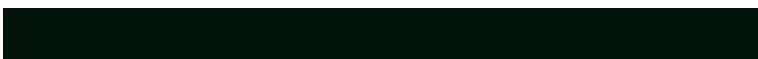
67, 5.785, 206.795



35, 4.205, 167.936



54, 53.439, 154.480



5, 8.115, 164.250

Inverse Universe

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



64, 7.662, 349.547



80, 11.198, 349.748



64, 6.173, 27.210



33, 4.280, 349.458



31, 56.329, 9.530



2, 7.434, 352.295

Previews

White Background



This preview shows how the CIELCh color 67, 7.515, 167.856 looks on a white background.

Color Contrast Check

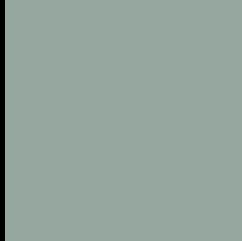
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 67, 7.515, 167.856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

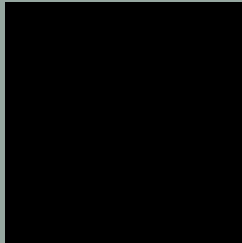
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

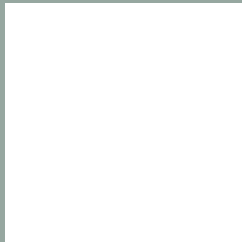
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 7.515, 167.856

Background



This preview shows how black text looks on a background with the CIELCh color 67, 7.515, 167.856.



This preview shows how white text looks on a background with the CIELCh color 67, 7.515, 167.856.

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, 7.515, 167.856

Protanopia
67, 3.348, 74.611

Deuteranopia
67, 8.422, 5.023



Tritanopia
67, 8.125, 261.670

Trichromacy



Original Color
67, 7.515, 167.856

Protanomaly
67, 3.506, 128.942

Deuteranomaly
67, 2.684, 19.472

Tritanomaly
67, 5.740, 234.505

Monochromacy



Original Color
67, 7.515, 167.856

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 2.535, 173.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 7.515, 167.856 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(150, 167, 160)` looks like.

```
.text, #text, p{  
    color:rgb(150, 167, 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(150, 167, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 167, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 7.515, 167.856 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(150, 167, 160) }
```

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

```
.border{ border-color:rgb(150, 167, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 167, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 167, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 167, 160);  
box-shadow:4px 4px 4px 4px rgb(150, 167,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 7.515, 167.856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 167, 160) }
```

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

```
.background{ background-color: rgb(150,  
167, 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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