

Converting Colors

CIELCh(67, 7.884, 141.851)

Have a look what the booklet for
CIELCh(67, 7.884, 141.851) contains.

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Color

CIELCh(67, 7.880, 141.839)

Conversions

Conversions Part 1

Format	Color
Hex	9BA69A
RGB	155, 166, 154
RGB Percent	61%, 65%, 60%
CMY	0.3917, 0.3485, 0.3956
CMYK	0.07, 0.00, 0.07, 0.35
HSL	115°, 6%, 63%
HSV	115°, 7%, 65%
XYZ	33.0398, 36.6320, 35.9518
YIQ	161.3430, -2.7040, -6.0640

Conversions

Conversions Part 2

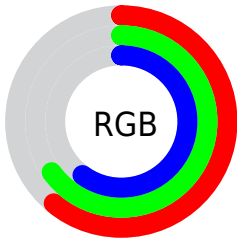
Format	Color
RYB	154, 166, 165
Decimal	10200730
CIELab	67.00, -6.20, 4.87
CIElCh	67, 7.880, 141.839
Yxy	36.6320, 0.3128, 0.3468
Android (android.graphics.Color)	4288390810 (0xFF9BA69A)
YUV	161.3430, -3.6201, -5.5628
Hunter-Lab	60.5244, -8.4759, 7.1485

Details

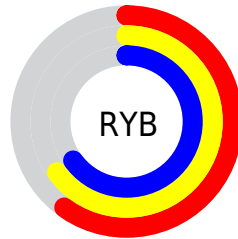
The CIELCh color $67, 7.880, 141.839$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 7.906, 322.505$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 8.102, 142.086$, and $47, 7.726, 141.512$ is the 20% darker color. If you saturate the color by 10%, you get $66, 18.893, 141.244$, and if you desaturate by 10%, it is $69, 3.013, 322.242$.

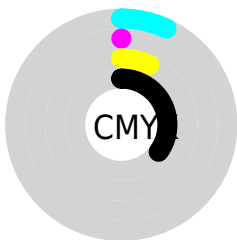
Distribution



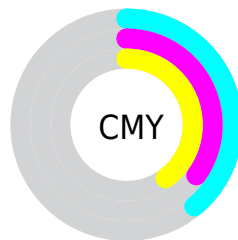
- Red (61%)
- Green (65%)
- Blue (60%)



- Red (60%)
- Yellow (65%)
- Blue (65%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (35%)



- Cyan (39%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 7.880, 141.839 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, 7.880, 141.839 by changing the saturation by 10% instead.

■ 67, 7.880, 141.839

■ 67, 7.880, 141.839

■ 100, 7.880,
141.839

■ 57, 7.880, 141.839

■ 87, 7.880, 141.839

■ 47, 7.880, 141.839

■ 97, 7.880, 141.839

■ 37, 7.880, 141.839

■ 27, 7.880, 141.839

■ 17, 7.880, 141.839

■ 7, 7.880, 141.839

■ 0, 7.880, 141.839

■ 67, 7.880, 141.839

■ 67, 7.880, 141.839

■ 66, 18.893,

■ 69, 3.013, 322.242

141.244

70, 13.708,
322.720

64, 29.900,
140.570

72, 24.146,
323.087

63, 40.738,
139.807

74, 34.296,
323.396

62, 51.188,
138.964

76, 44.139,
323.657

61, 60.967,
138.071

79, 53.671,
323.879

60, 69.715,
137.193

79, 55.458,
326.334

60, 77.004,
136.432

60, 82.392,
135.916

59, 85.689,
135.702

Harmonies

Complementary

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



67, 7.880, 141.839



65, 7.906, 322.505

Rectangle

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



67, 7.880, 141.839



67, 7.880, 191.839



67, 7.880, 321.839



67, 7.880, 11.839

Sweetspot

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



67, 7.882, 141.840



86, 2.692, 142.176



68, 6.050, 105.858



46, 1.542, 142.187



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, 7.882, 141.840



85, 12.207, 141.728



67, 6.002, 158.928



35, 6.248, 141.721



53, 79.300, 135.559



5, 11.407, 142.505

Inverse Universe

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



65, 7.906, 322.505



82, 12.244, 322.605



65, 6.047, 339.907



33, 6.267, 322.612



33, 77.384, 325.044



2, 11.258, 321.303

Previews

White Background



This preview shows how the CIELCh color 67, 7.880, 141.839 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, 7.880, 141.839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

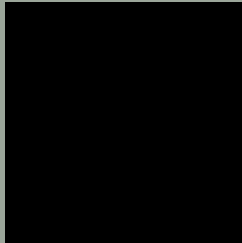
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

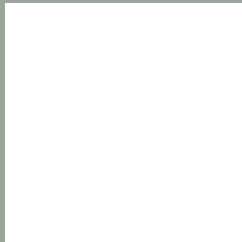
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 7.880, 141.839

Background



This preview shows how black text looks on a background with the CIELCh color 67, 7.880, 141.839.



This preview shows how white text looks on a background with the CIELCh color 67, 7.880, 141.839.

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

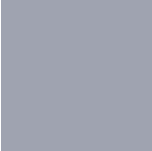
67, 7.880, 141.839

Protanopia

67, 5.972, 86.430

Deuteranopia

67, 9.444, 23.547



Tritanopia
67, 7.304, 279.392

Trichromacy



Original Color
67, 7.880, 141.839

Protanomaly
67, 5.504, 109.592

Deuteranomaly
67, 5.425, 50.140

Tritanomaly
67, 3.116, 244.647

Monochromacy



Original Color
67, 7.880, 141.839

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 3.165, 138.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 7.880, 141.839 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, 166, 154)` looks like.

```
.text, #text, p{  
    color:rgb(155, 166, 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, 166, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 166, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 7.880, 141.839 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, 166, 154) }
```

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

```
.border{ border-color:rgb(155, 166, 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, 166, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 166, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 166, 154);  
box-shadow:4px 4px 4px 4px rgb(155, 166,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 7.880, 141.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 166, 154) }
```

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

```
.background{ background-color: rgb(155,  
166, 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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