

Converting Colors

CIELCh(67, 21.288, 110.316)

Have a look what the booklet for
CIELCh(67, 21.288, 110.316)
contains.

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Color

CIELCh(67, 21.320, 110.148)

Conversions

Conversions Part 1

Format	Color
Hex	A4A67F
RGB	164, 166, 127
RGB Percent	64%, 65%, 50%
CMY	0.3574, 0.3495, 0.5025
CMYK	0.01, 0.00, 0.24, 0.35
HSL	63°, 18%, 57%
HSV	63°, 24%, 65%
XYZ	32.7172, 36.6320, 25.3816
YIQ	160.9560, 11.3270, -12.5530

Conversions

Conversions Part 2

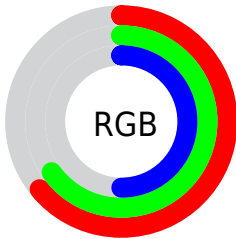
Format	Color
RYB	127, 166, 129
Decimal	10790527
CIELab	67.00, -7.34, 20.02
CIELCh	67, 21.320, 110.148
Yxy	36.6320, 0.3454, 0.3867
Android (android.graphics.Color)	4288980607 (0xFFA4A67F)
YUV	160.9560, -16.7403, 2.6696
Hunter-Lab	60.5244, -9.4271, 17.5031

Details

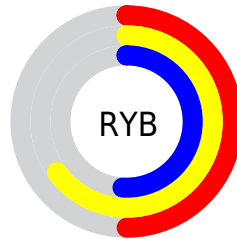
The CIELCh color $67, 21.320, 110.148$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $55, 22.504, 294.636$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 21.290, 110.443$, and $47, 20.983, 109.725$ is the 20% darker color. If you saturate the color by 10%, you get $67, 30.193, 109.284$, and if you desaturate by 10%, it is $67, 12.298, 111.028$.

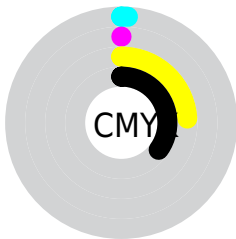
Distribution



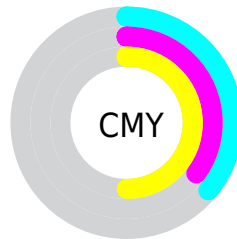
- Red (64%)
- Green (65%)
- Blue (50%)



- Red (50%)
- Yellow (65%)
- Blue (51%)



- Cyan (1%)
- Magenta (0%)
- Yellow (24%)
- Black (35%)




- Cyan (36%)
- Magenta (35%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 21.320, 110.148 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, 21.320, 110.148 by changing the saturation by 10% instead.


 67, 21.320,
110.148


 67, 21.320,
110.148


 100, 21.320,
110.148


 57, 21.320,
110.148


 87, 21.320,
110.148

 47, 21.320,
110.148

 97, 21.320,
110.148

 37, 21.320,
110.148

 27, 21.320,
110.148

 17, 21.320,
110.148

 7, 21.320, 110.148

 0, 21.320, 110.148

67, 21.320,
110.148

67, 21.320,
110.148

67, 30.193,
109.284

67, 12.298,
111.028

66, 38.800,
108.446

68, 3.196, 111.888

66, 46.969,
107.666

68, 5.935, 292.758

66, 54.444,
106.981

69, 15.062,
293.577

66, 60.872,
106.440

70, 24.161,
294.366

65, 65.835,
106.094

70, 33.216,
295.119

65, 68.985,
105.985

71, 42.212,
295.833

65, 70.378,

72, 48.688,
296.407

105.999

■ 72, 48.696,
296.705

Harmonies

Complementary

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



67, 21.320, 110.148



55, 22.504, 294.636

Rectangle

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



67, 21.320, 110.148



67, 21.320, 160.148



67, 21.320, 290.148



67, 21.320, 340.148

Sweetspot

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



67, 21.321, 110.152



86, 7.928, 111.581



57, 15.409, 25.083



46, 5.193, 111.533



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, 21.321, 110.152



85, 31.479, 109.715



66, 23.109, 129.762



36, 5.216, 111.394



59, 64.692, 105.969



6, 9.575, 112.992

Inverse Universe

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



55, 22.504, 294.636



67, 33.665, 295.280



56, 23.767, 311.835



33, 5.329, 293.062



16, 88.862, 306.486



1, 9.567, 291.919

Previews

White Background



This preview shows how the CIELCh color 67, 21.320, 110.148 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, 21.320, 110.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

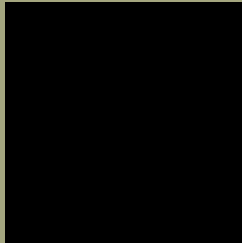
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 21.320, 110.148

Background



This preview shows how black text looks on a background with the CIELCh color 67, 21.320, 110.148.



This preview shows how white text looks on a background with the CIELCh color 67, 21.320, 110.148.

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, 21.320, 110.148

Protanopia
67, 21.323, 95.585

Deuteranopia
67, 20.776, 65.362



Tritanopia
67, 7.660, 320.084

Trichromacy



Original Color
67, 21.320, 110.148

Protanomaly
67, 20.943, 101.179

Deuteranomaly
67, 19.526, 83.074

Tritanomaly
67, 4.025, 74.488

Monochromacy



Original Color
67, 21.320, 110.148

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 7.720, 112.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 21.320, 110.148 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(164, 166, 127)` looks like.

```
.text, #text, p{  
    color:rgb(164, 166, 127)  
}
```

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(164, 166, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 166, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 21.320, 110.148 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(164, 166, 127) }
```

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

```
.border{ border-color:rgb(164, 166, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 166, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 166, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 166, 127);  
box-shadow:4px 4px 4px 4px rgb(164, 166,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 21.320, 110.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 166, 127) }
```

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

```
.background{ background-color: rgb(164,  
166, 127) }
```

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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