

Converting Colors

CIELCh(67, 21.838, 107.888)

Have a look what the booklet for
CIELCh(67, 21.838, 107.888)
contains.

CIELCh(67, 21.320, 107.933)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(67, 21.320, 107.933)

Conversions

Conversions Part 1

Format	Color
Hex	A5A57E
RGB	165, 165, 126
RGB Percent	65%, 65%, 49%
CMY	0.3512, 0.3512, 0.5042
CMYK	0.00, 0.00, 0.24, 0.35
HSL	60°, 18%, 57%
HSV	60°, 24%, 65%
XYZ	32.9359, 36.6320, 25.2156
YIQ	160.5540, 12.5190, -12.1290

Conversions

Conversions Part 2

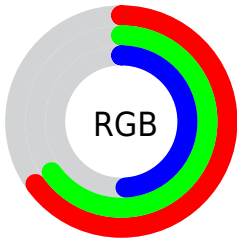
Format	Color
RYB	126, 165, 126
Decimal	10855806
CIELab	67.00, -6.56, 20.28
CIELCh	67, 21.320, 107.933
Yxy	36.6320, 0.3475, 0.3865
Android (android.graphics.Color)	4289045886 (0xFFA5A57E)
YUV	160.5540, -17.0351, 3.8991
Hunter-Lab	60.5244, -8.7821, 17.6657

Details

The CIELCh color $67, 21.320, 107.933$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $54, 22.511, 292.867$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 21.287, 108.373$, and $47, 20.989, 107.260$ is the 20% darker color. If you saturate the color by 10%, you get $67, 30.166, 106.994$, and if you desaturate by 10%, it is $67, 12.326, 108.889$.

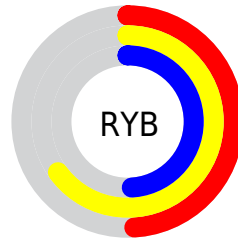
Distribution



Red (65%)

Green (65%)

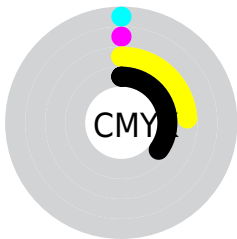
Blue (49%)



Red (49%)

Yellow (65%)

Blue (49%)

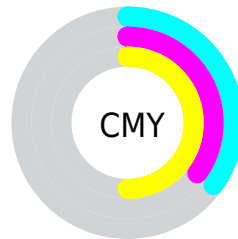


Cyan (0%)

Magenta (0%)

Yellow (24%)

Black (35%)



Cyan (35%)


Magenta (35%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 21.320, 107.933 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, 107.933 by changing the saturation by 10% instead.


 67, 21.320,
107.933


 67, 21.320,
107.933


 100, 21.320,
107.933


 57, 21.320,
107.933


 87, 21.320,
107.933

 47, 21.320,
107.933

 97, 21.320,
107.933

 37, 21.320,
107.933

 27, 21.320,
107.933

 17, 21.320,
107.933

 7, 21.320, 107.933

 0, 21.320, 107.933

67, 21.320,
107.933

67, 21.320,
107.933

67, 30.166,
106.994

67, 12.326,
108.889

66, 38.746,
106.079

68, 3.254, 109.825

66, 46.888,
105.218

68, 5.848, 290.782

66, 54.331,
104.441

69, 14.947,
291.681

66, 60.721,
103.787

69, 24.020,
292.552

66, 65.639,
103.292

70, 33.052,
293.386

66, 68.743,
102.985

71, 42.030,
294.179

66, 70.101,

71, 48.917,
294.763

102.852

 71, 48.917,
294.763

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, 107.933



54, 22.511, 292.867

Rectangle

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



67, 21.320, 107.933



67, 21.320, 157.933



67, 21.320, 287.933



67, 21.320, 337.933

Sweetspot

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



67, 21.321, 107.937



85, 7.844, 109.499



57, 16.171, 21.145



45, 5.088, 109.448



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



67, 21.321, 107.937



84, 31.147, 107.471



66, 22.841, 128.007



34, 5.079, 109.299



58, 63.749, 102.852



5, 7.945, 110.176

Inverse Universe

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



54, 22.511, 292.867



66, 33.316, 293.568



56, 23.579, 310.166



31, 5.189, 291.118



16, 88.026, 306.287



0, 7.947, 290.178

Previews

White Background



This preview shows how the CIELCh color 67, 21.320, 107.933 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, 107.933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

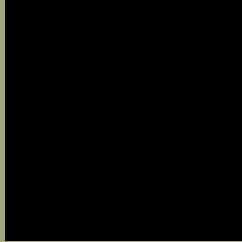
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 21.320, 107.933

Background



This preview shows how black text looks on a background with the CIELCh color 67, 21.320, 107.933.



This preview shows how white text looks on a background with the CIELCh color 67, 21.320, 107.933.

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, 107.933

Protanopia

67, 21.323, 95.585

Deuteranopia

67, 21.201, 66.274



Tritanopia
67, 8.526, 322.704

Trichromacy



Original Color
67, 21.320, 107.933

Protanomaly
67, 20.997, 100.052

Deuteranomaly
67, 19.939, 80.876

Tritanomaly
67, 4.526, 66.342

Monochromacy



Original Color
67, 21.320, 107.933

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 8.255, 109.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 21.320, 107.933 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(165, 165, 126)` looks like.

```
.text, #text, p{  
    color:rgb(165, 165, 126)  
}
```

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(165, 165, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 165, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 21.320, 107.933 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(165, 165, 126) }
```

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

```
.border{ border-color:rgb(165, 165, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 165, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 165, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 165, 126);  
box-shadow:4px 4px 4px 4px rgb(165, 165,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 21.320, 107.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 165, 126) }
```

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

```
.background{ background-color: rgb(165,  
165, 126) }
```

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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