

Converting Colors

CIELCh(67, 9.377, 122.597)

Have a look what the booklet for
CIELCh(67, 9.377, 122.597) contains.

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Color

CIELCh(67, 9.025, 121.745)

Conversions

Conversions Part 1

Format	Color
Hex	A0A595
RGB	160, 165, 149
RGB Percent	63%, 65%, 58%
CMY	0.3719, 0.3523, 0.4151
CMYK	0.03, 0.00, 0.10, 0.35
HSL	79°, 8%, 62%
HSV	79°, 10%, 65%
XYZ	33.4495, 36.6320, 33.8066
YIQ	161.6810, 2.1560, -6.0360

Conversions

Conversions Part 2

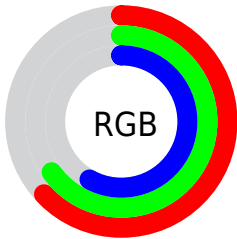
Format	Color
RYB	149, 165, 154
Decimal	10528149
CIELab	67.00, -4.75, 7.67
CIELCh	67, 9.025, 121.745
Yxy	36.6320, 0.3220, 0.3526
Android (android.graphics.Color)	4288718229 (0xFFA0A595)
YUV	161.6810, -6.2517, -1.4742
Hunter-Lab	60.5244, -7.2674, 9.2499

Details

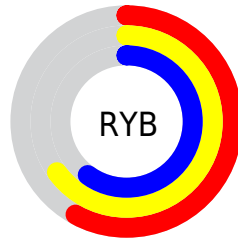
The CIELCh color $67, 9.025, 121.745$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 9.196, 302.824$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 9.062, 121.143$, and $47, 8.998, 119.785$ is the 20% darker color. If you saturate the color by 10%, you get $66, 18.321, 121.184$, and if you desaturate by 10%, it is $68, 0.297, 302.137$.

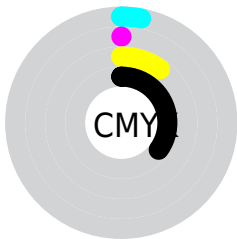
Distribution



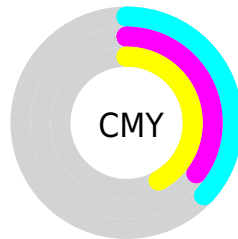
- Red (63%)
- Green (65%)
- Blue (58%)



- Red (58%)
- Yellow (65%)
- Blue (60%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (35%)



- Cyan (37%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 9.025, 121.745 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, 9.025, 121.745 by changing the saturation by 10% instead.

■ 67, 9.025, 121.745

■ 67, 9.025, 121.745

■ 100, 9.025,
121.745

■ 57, 9.025, 121.745

■ 87, 9.025, 121.745

■ 47, 9.025, 121.745

■ 97, 9.025, 121.745

■ 37, 9.025, 121.745

■ 27, 9.025, 121.745

■ 17, 9.025, 121.745

■ 7, 9.025, 121.745

■ 0, 9.025, 121.745

■ 67, 9.025, 121.745

■ 67, 9.025, 121.745

■ 66, 18.321,

■ 68, 0.297, 302.137

121.184

69, 9.603, 302.808

66, 27.519,
120.615

70, 18.858,
303.299

65, 36.524,
120.066

71, 28.039,
303.756

64, 45.194,
119.571

72, 37.126,
304.179

64, 53.316,
119.183

73, 46.107,
304.569

63, 60.592,
118.977

74, 49.894,
305.828

63, 66.635,
119.052

74, 50.189,
307.705

62, 71.057,
119.516

74, 50.533,
309.581

62, 73.984,
120.336

Harmonies

Complementary

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



67, 9.025, 121.745



63, 9.196, 302.824

Rectangle

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



67, 9.025, 121.745



67, 9.025, 171.745



67, 9.025, 301.745



67, 9.025, 351.745

Sweetspot

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



67, 9.027, 121.751



85, 3.446, 122.127



64, 5.137, 50.856



45, 2.609, 122.081



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, 9.027, 121.751



84, 13.812, 121.608



66, 10.161, 138.389



34, 5.218, 121.775



55, 67.376, 120.204



5, 8.224, 124.401

Inverse Universe

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



63, 9.196, 302.824



78, 14.131, 302.982



63, 10.218, 319.213



32, 5.312, 302.798



18, 85.039, 308.673



1, 8.116, 301.167

Previews

White Background



This preview shows how the CIELCh color 67, 9.025, 121.745 looks on a white background.

Color Contrast Check

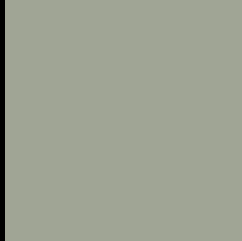
Large Text (above 18pt) WCAG AA × Fail

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, 9.025, 121.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

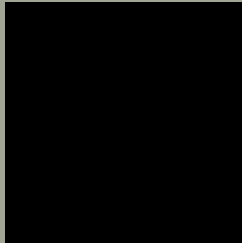
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

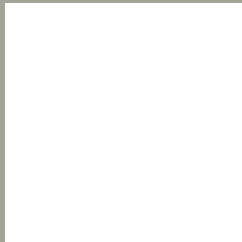
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 9.025, 121.745

Background



This preview shows how black text looks on a background with the CIELCh color 67, 9.025, 121.745.



This preview shows how white text looks on a background with the CIELCh color 67, 9.025, 121.745.

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, 9.025, 121.745

Protanopia

67, 8.178, 89.576

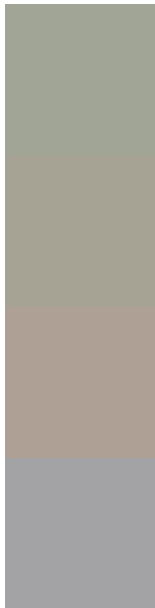
Deuteranopia

67, 10.880, 37.835



Tritanopia
67, 7.297, 299.661

Trichromacy



Original Color
67, 9.025, 121.745

Protanomaly
67, 8.329, 101.145

Deuteranomaly
67, 8.101, 62.419

Tritanomaly
67, 1.112, 290.342

Monochromacy



Original Color
67, 9.025, 121.745

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 3.398, 122.871

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 9.025, 121.745 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(160, 165, 149)` looks like.

```
.text, #text, p{  
    color:rgb(160, 165, 149)  
}
```

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(160, 165, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 165, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 9.025, 121.745 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(160, 165, 149) }
```

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

```
.border{ border-color:rgb(160, 165, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 165, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 165, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 165, 149);  
box-shadow:4px 4px 4px 4px rgb(160, 165,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 9.025, 121.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 165, 149) }
```

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

```
.background{ background-color: rgb(160,  
165, 149) }
```

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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