

Converting Colors

CIELCh(67, 8.339, 119.642)

Have a look what the booklet for
CIELCh(67, 8.339, 119.642) contains.

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Color

CIELCh(67, 8.403, 120.010)

Conversions

Conversions Part 1

Format	Color
Hex	A1A596
RGB	161, 165, 150
RGB Percent	63%, 65%, 59%
CMY	0.3691, 0.3534, 0.4122
CMYK	0.02, 0.00, 0.09, 0.35
HSL	76°, 8%, 62%
HSV	76°, 9%, 65%
XYZ	33.6049, 36.6320, 34.1058
YIQ	162.0940, 2.4310, -5.5130

Conversions

Conversions Part 2

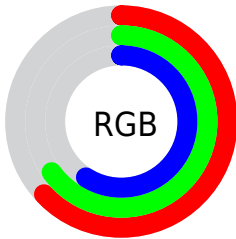
Format	Color
RYB	150, 165, 154
Decimal	10593686
CIELab	67.00, -4.20, 7.28
CIELCh	67, 8.403, 120.010
Yxy	36.6320, 0.3221, 0.3511
Android (android.graphics.Color)	4288783766 (0xFFA1A596)
YUV	162.0940, -5.9623, -0.9594
Hunter-Lab	60.5244, -6.8092, 8.9568

Details

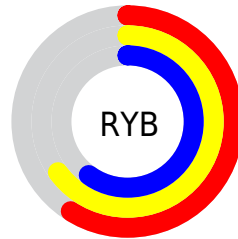
The CIELCh color $67, 8.403, 120.010$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 8.562, 301.106$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 8.476, 119.464$, and $47, 8.423, 120.581$ is the 20% darker color. If you saturate the color by 10%, you get $66, 17.619, 119.409$, and if you desaturate by 10%, it is $68, 0.843, 300.564$.

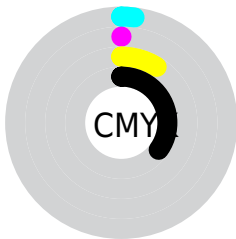
Distribution



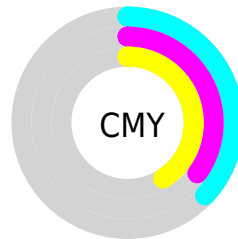
- Red (63%)
- Green (65%)
- Blue (59%)



- Red (59%)
- Yellow (65%)
- Blue (60%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 8.403, 120.010 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, 8.403, 120.010 by changing the saturation by 10% instead.

■ 67, 8.403, 120.010

■ 67, 8.403, 120.010

■ 100, 8.403,
120.010

■ 57, 8.403, 120.010

■ 87, 8.403, 120.010

■ 47, 8.403, 120.010

■ 97, 8.403, 120.010

■ 37, 8.403, 120.010

■ 27, 8.403, 120.010

■ 17, 8.403, 120.010

■ 7, 8.403, 120.010

■ 0, 8.403, 120.010

■ 67, 8.403, 120.010

■ 67, 8.403, 120.010

■ 66, 17.619,

■ 68, 0.843, 300.564

119.409

69, 10.081,
301.160

66, 26.734,
118.800

69, 19.275,
301.693

65, 35.658,
118.210

70, 28.404,
302.192

64, 44.250,
117.672

71, 37.449,
302.657

64, 52.304,
117.236

72, 46.397,
303.087

64, 59.524,
116.971

73, 49.839,
304.231

63, 65.526,
116.971

73, 50.052,
305.821

63, 69.917,
117.335

74, 50.299,
307.415

62, 72.746,
118.056

Harmonies

Complementary

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



67, 8.403, 120.010



63, 8.562, 301.106

Rectangle

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



67, 8.403, 120.010



67, 8.403, 170.010



67, 8.403, 300.010



67, 8.403, 350.010

Sweetspot

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



67, 8.405, 120.016



85, 3.424, 120.382



64, 4.842, 46.907



45, 2.592, 120.334



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, 8.405, 120.016



85, 12.574, 119.889



66, 9.428, 137.424



34, 5.182, 120.007



56, 66.486, 117.981



5, 8.160, 122.620

Inverse Universe

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



63, 8.562, 301.106



78, 12.857, 301.247



63, 9.486, 318.171



32, 5.281, 301.117



18, 85.699, 308.083



1, 8.073, 299.591

Previews

White Background



This preview shows how the CIELCh color 67, 8.403, 120.010 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, 8.403, 120.010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

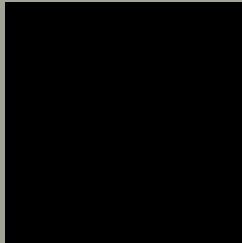
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

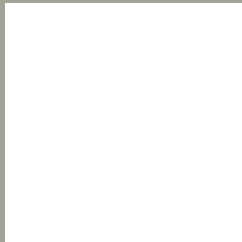
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 8.403, 120.010

Background



This preview shows how black text looks on a background with the CIELCh color 67, 8.403, 120.010.



This preview shows how white text looks on a background with the CIELCh color 67, 8.403, 120.010.

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, 8.403, 120.010

Protanopia

67, 7.659, 88.281

Deuteranopia

67, 10.880, 37.835



Tritanopia
67, 7.297, 299.661

Trichromacy



Original Color
67, 8.403, 120.010

Protanomaly
67, 7.784, 100.647

Deuteranomaly
67, 7.726, 59.532

Tritanomaly
67, 1.713, 303.113

Monochromacy



Original Color
67, 8.403, 120.010

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 2.780, 117.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 8.403, 120.010 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(161, 165, 150)` looks like.

```
.text, #text, p{  
    color:rgb(161, 165, 150)  
}
```

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(161, 165, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 165, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 8.403, 120.010 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(161, 165, 150) }
```

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

```
.border{ border-color:rgb(161, 165, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 165, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 165, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 165, 150);  
box-shadow:4px 4px 4px 4px rgb(161, 165,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 8.403, 120.010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 165, 150) }
```

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

```
.background{ background-color: rgb(161,  
165, 150) }
```

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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