

Converting Colors

CIELCh(67, 10.478, 197.502)

Have a look what the booklet for
CIELCh(67, 10.478, 197.502)
contains.

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Color

CIELCh(67, 10.526, 195.525)

Conversions

Conversions Part 1

Format	Color
Hex	8CA9A8
RGB	140, 169, 168
RGB Percent	55%, 66%, 66%
CMY	0.4521, 0.3384, 0.3423
CMYK	0.17, 0.00, 0.01, 0.34
HSL	178°, 14%, 60%
HSV	178°, 17%, 66%
XYZ	31.9397, 36.6320, 42.2885
YIQ	160.2150, -16.9630, -6.4590

Conversions

Conversions Part 2

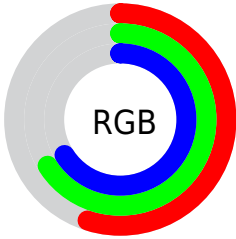
Format	Color
R_{YB}	140, 155, 169
Decimal	9218472
CIE _{Lab}	67.00, -10.14, -2.82
CIE _{LCh}	67, 10.526, 195.525
Yxy	36.6320, 0.2881, 0.3304
Android (android.graphics.Color)	4287408552 (0xFF8CA9A8)
YUV	160.2150, 3.8380, -17.7286
Hunter-Lab	60.5244, -11.7204, 0.9410

Details

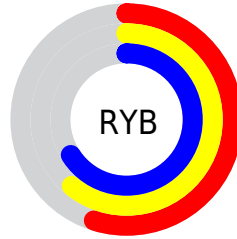
The CIELCh color `67, 10.526, 195.525` is a light color, and the websafe version is hex `669999`. A complement of this color would be `61, 11.665, 17.813`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 10.426, 195.847`, and `47, 10.680, 195.049` is the 20% darker color. If you saturate the color by 10%, you get `66, 16.150, 194.915`, and if you desaturate by 10%, it is `68, 4.510, 196.189`.

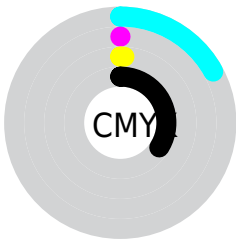
Distribution



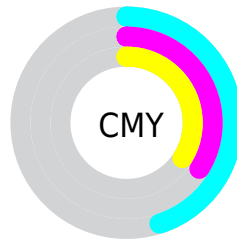
- Red (55%)
- Green (66%)
- Blue (66%)



- Red (55%)
- Yellow (61%)
- Blue (66%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (34%)





- Cyan (45%)
- Magenta (34%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 10.526, 195.525 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, 10.526, 195.525 by changing the saturation by 10% instead.


 67, 10.526,
195.525


 67, 10.526,
195.525


 100, 10.526,
195.525


 57, 10.526,
195.525


 87, 10.526,
195.525

 47, 10.526,
195.525

 97, 10.526,
195.525

 37, 10.526,
195.525

 27, 10.526,
195.525

 17, 10.526,
195.525

 7, 10.526, 195.525

 0, 10.526, 195.525

67, 10.526,
195.525

67, 10.526,
195.525

66, 16.150,
194.915

68, 4.510, 196.189

70, 1.803, 16.443

65, 21.280,
194.345

71, 8.329, 17.295

64, 25.816,
193.806

73, 14.994, 17.973

64, 29.671,
193.293

74, 21.738, 18.639

76, 28.512, 19.302

63, 32.781,
192.803

78, 34.149, 19.765

63, 35.113,
192.329

78, 34.117, 19.253

78, 34.089, 18.739

63, 36.681,
191.860

62, 37.583,

191.388

■ 62, 37.796,
191.256

Harmonies

Complementary

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



67, 10.526, 195.525



61, 11.665, 17.813

Rectangle

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



67, 10.526, 195.525



67, 10.526, 245.525



67, 10.526, 15.525



67, 10.526, 65.525

Sweetspot

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



67, 10.527, 195.518



87, 3.902, 196.363



66, 19.295, 142.121



46, 2.655, 196.303



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, 10.527, 195.518



84, 15.732, 195.260



63, 9.155, 252.081



35, 3.529, 196.036



55, 34.301, 191.309



5, 6.594, 195.397

Inverse Universe

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



61, 11.665, 17.813



75, 17.913, 18.228



64, 9.699, 67.851



33, 3.724, 17.108



30, 67.797, 37.972



1, 6.582, 16.931

Previews

White Background



This preview shows how the CIELCh color 67, 10.526, 195.525 looks on a white background.

Color Contrast Check

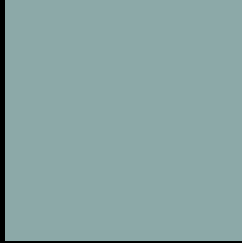
Large Text (above 18pt) WCAG AA × Fail

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, 10.526, 195.525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

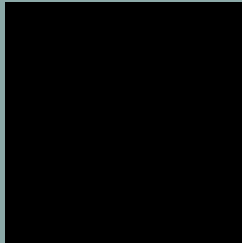
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

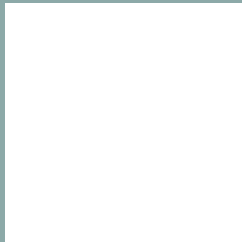
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 10.526, 195.525

Background



This preview shows how black text looks on a background with the CIELCh color 67, 10.526, 195.525.



This preview shows how white text looks on a background with the CIELCh color 67, 10.526, 195.525.

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](#).

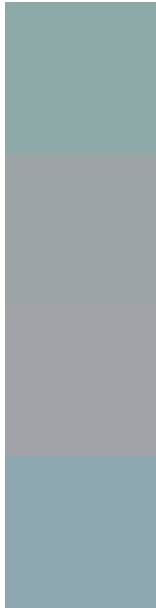
Dichromacy





Tritanopia
67, 11.176, 239.020

Trichromacy



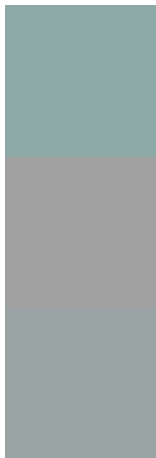
Original Color
67, 10.526, 195.525

Protanomaly
67, 3.033, 209.816

Deuteranomaly
67, 3.875, 290.593

Tritanomaly
67, 10.432, 223.882

Monochromacy



Original Color
67, 10.526, 195.525

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 3.741, 199.201

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 10.526, 195.525 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(140, 169, 168)` looks like.

```
.text, #text, p{  
    color:rgb(140, 169, 168)  
}
```

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(140, 169, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 169, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 10.526, 195.525 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(140, 169, 168) }
```

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

```
.border{ border-color:rgb(140, 169, 168) }
```

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

Here you see how a box with a 4 pixel rgb(140, 169, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 169, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 169, 168);  
box-shadow:4px 4px 4px 4px rgb(140, 169,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 10.526, 195.525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 169, 168) }
```

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

```
.background{ background-color: rgb(140,  
169, 168) }
```

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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