

Converting Colors

CIELCh(67, 9.510, 216.072)

Have a look what the booklet for
CIELCh(67, 9.510, 216.072) contains.

CIELCh(67, 9.645, 215.407)	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, 9.645, 215.407)

Conversions

Conversions Part 1

Format	Color
Hex	8EA8AD
RGB	142, 168, 173
RGB Percent	56%, 66%, 68%
CMY	0.4442, 0.3423, 0.3227
CMYK	0.18, 0.03, 0.00, 0.32
HSL	190°, 16%, 62%
HSV	190°, 18%, 68%
XYZ	32.5725, 36.6320, 44.7434
YIQ	160.7960, -17.1010, -3.9570

Conversions

Conversions Part 2

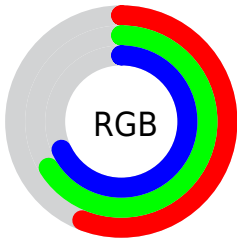
Format	Color
R_YB	142, 156, 173
Decimal	9349293
CIE _{Lab}	67.00, -7.86, -5.59
CIE _{LCh}	67, 9.645, 215.407
Yxy	36.6320, 0.2859, 0.3215
Android (android.graphics.Color)	4287539373 (0xFF8EA8AD)
YUV	160.7960, 6.0166, -16.4841
Hunter-Lab	60.5244, -9.8541, -1.4639

Details

The CIELCh color $67, 9.645, 215.407$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 10.853, 35.103$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 9.589, 214.743$, and $47, 9.737, 216.248$ is the 20% darker color. If you saturate the color by 10%, you get $65, 14.530, 215.725$, and if you desaturate by 10%, it is $69, 4.389, 215.262$.

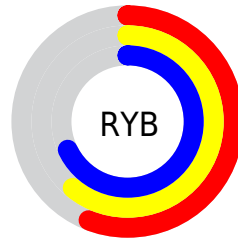
Distribution



Red (56%)

Green (66%)

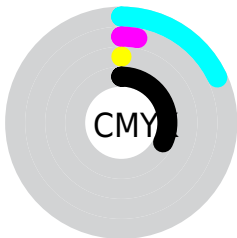
Blue (68%)



Red (56%)

Yellow (61%)

Blue (68%)

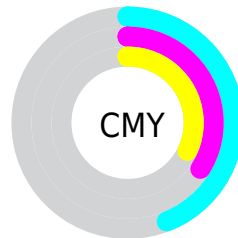


Cyan (18%)

Magenta (3%)

Yellow (0%)

Black (32%)



Cyan (44%)

Magenta (34%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 9.645, 215.407 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, 9.645, 215.407 by changing the saturation by 10% instead.

■ 67, 9.645, 215.407

■ 67, 9.645, 215.407

■ 100, 9.645,
215.407

■ 57, 9.645, 215.407

■ 87, 9.645, 215.407

■ 47, 9.645, 215.407

■ 97, 9.645, 215.407

■ 37, 9.645, 215.407

■ 27, 9.645, 215.407

■ 17, 9.645, 215.407

■ 7, 9.645, 215.407

■ 0, 9.645, 215.407

■ 67, 9.645, 215.407

■ 67, 9.645, 215.407

■ 65, 14.530,

■ 69, 4.389, 215.262

215.725

71, 1.160, 34.642

63, 18.958,
216.246

73, 6.934, 35.002

62, 22.844,
217.002

75, 12.874, 35.110

60, 26.108,
218.047

78, 18.931, 35.247

59, 28.691,
219.442

80, 25.066, 35.417

58, 30.567,
221.254

82, 28.230, 36.939

57, 31.759,
223.551

82, 27.651, 40.251

55, 32.395,
226.332

55, 32.512,
226.918

Harmonies

Complementary

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



67, 9.645, 215.407



63, 10.853, 35.103

Rectangle

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



67, 9.645, 215.407



67, 9.645, 265.407



67, 9.645, 35.407



67, 9.645, 85.407

Sweetspot

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



67, 9.645, 215.398



88, 3.442, 215.290



68, 18.805, 147.668



46, 2.342, 215.277



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 9.645, 215.398



84, 14.429, 215.521



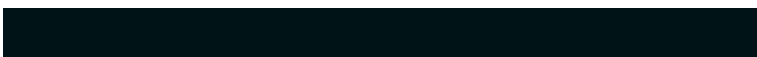
63, 11.824, 272.273



36, 3.127, 215.266



48, 29.375, 226.535



5, 6.536, 222.257

Inverse Universe

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



62, 18.706, 330.273



77, 28.407, 330.551



67, 11.908, 87.510



34, 5.896, 329.734



34, 68.875, 335.743



2, 11.847, 331.362

Previews

White Background



This preview shows how the CIELCh color 67, 9.645, 215.407 looks on a white background.

Color Contrast Check

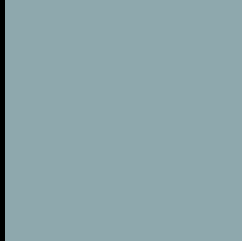
Large Text (above 18pt) WCAG AA × Fail

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, 9.645, 215.407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

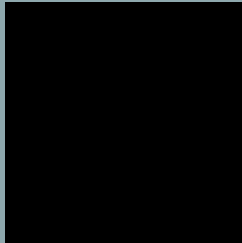
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

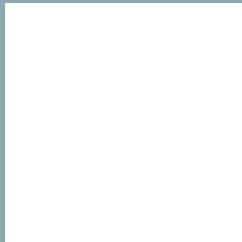
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 9.645, 215.407

Background



This preview shows how black text looks on a background with the CIELCh color 67, 9.645, 215.407.

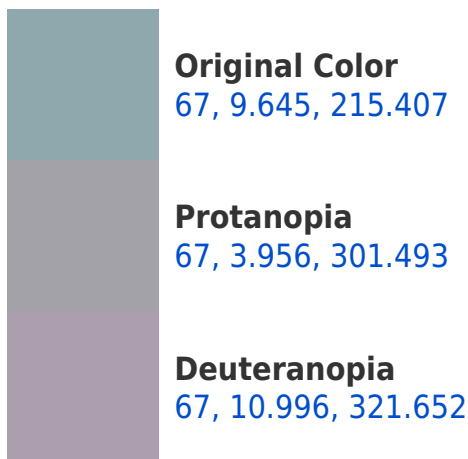


This preview shows how white text looks on a background with the CIELCh color 67, 9.645, 215.407.

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, 10.922, 240.167

Trichromacy



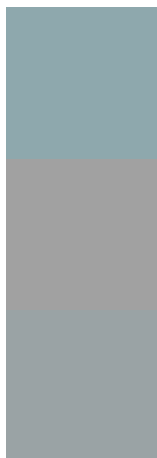
Original Color
67, 9.645, 215.407

Protanomaly
67, 4.398, 248.344

Deuteranomaly
67, 6.637, 290.871

Tritanomaly
67, 10.020, 232.435

Monochromacy



Original Color
67, 9.645, 215.407

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 3.515, 217.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 9.645, 215.407 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(142, 168, 173)` looks like.

```
.text, #text, p{  
    color:rgb(142, 168, 173)  
}
```

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(142, 168, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 168, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 9.645, 215.407 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(142, 168, 173) }
```

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

```
.border{ border-color:rgb(142, 168, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 168, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 168, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 168, 173);  
box-shadow:4px 4px 4px 4px rgb(142, 168,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 9.645, 215.407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 168, 173) }
```

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

```
.background{ background-color: rgb(142,  
168, 173) }
```

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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