

Converting Colors

CIELCh(67, 10.616, 213.754)

Have a look what the booklet for
CIELCh(67, 10.616, 213.754)
contains.

CIELCh(67, 10.623, 213.756)	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, 10.623, 213.756)

Conversions

Conversions Part 1

Format	Color
Hex	8BA8AD
RGB	139, 168, 173
RGB Percent	55%, 66%, 68%
CMY	0.4540, 0.3402, 0.3206
CMYK	0.20, 0.03, 0.00, 0.32
HSL	189°, 17%, 61%
HSV	189°, 20%, 68%
XYZ	32.3021, 36.6320, 45.0280
YIQ	159.8990, -18.8890, -4.5930

Conversions

Conversions Part 2

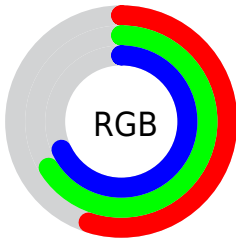
Format	Color
RYB	139, 155, 173
Decimal	9152685
CIELab	67.00, -8.83, -5.90
CIElCh	67, 10.623, 213.756
Yxy	36.6320, 0.2834, 0.3214
Android (android.graphics.Color)	4287342765 (0xFF8BA8AD)
YUV	159.8990, 6.4588, -18.3284
Hunter-Lab	60.5244, -10.6515, -1.7427

Details

The CIELCh color `67, 10.623, 213.756` is a light color, and the websafe version is hex `669999`. A complement of this color would be `62, 12.106, 33.708`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 10.545, 213.208`, and `47, 10.726, 214.467` is the 20% darker color. If you saturate the color by 10%, you get `65, 15.490, 214.021`, and if you desaturate by 10%, it is `69, 5.362, 213.648`.

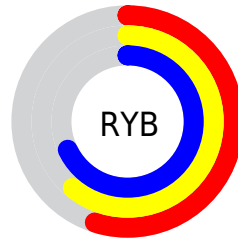
Distribution



Red (55%)

Green (66%)

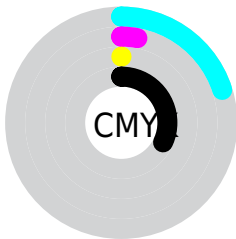
Blue (68%)



Red (55%)

Yellow (61%)

Blue (68%)

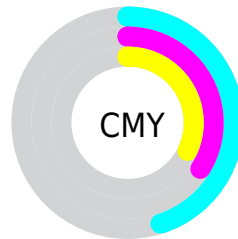


Cyan (20%)

Magenta (3%)

Yellow (0%)

Black (32%)



Cyan (45%)


Magenta (34%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 10.623, 213.756 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, 10.623, 213.756 by changing the saturation by 10% instead.


 67, 10.623,
213.756


 67, 10.623,
213.756


 100, 10.623,
213.756


 57, 10.623,
213.756


 87, 10.623,
213.756

 47, 10.623,
213.756

 97, 10.623,
213.756

 37, 10.623,
213.756

 27, 10.623,
213.756

 17, 10.623,
213.756

 7, 10.623, 213.756

 0, 10.623, 213.756

67, 10.623,
213.756

67, 10.623,
213.756

65, 15.490,
214.021

69, 5.362, 213.648

64, 19.875,
214.480

71, 0.211, 31.169

73, 6.024, 33.489

62, 23.690,
215.163

75, 12.015, 33.647

61, 26.858,
216.121

77, 18.132, 33.827

80, 24.333, 34.037

59, 29.320,
217.411

82, 28.390, 35.112

58, 31.057,
219.094

82, 27.809, 38.085

83, 27.308, 41.179

57, 32.098,
221.229

56, 32.626,

223.771

■ 56, 32.645,
223.866

Harmonies

Complementary

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



67, 10.623, 213.756



62, 12.106, 33.708

Rectangle

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



67, 10.623, 213.756



67, 10.623, 263.756



67, 10.623, 33.756



67, 10.623, 83.756

Sweetspot

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



67, 10.623, 213.748



88, 4.161, 213.677



68, 20.879, 147.013



46, 2.752, 213.667



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, 10.623, 213.748



84, 15.781, 213.858



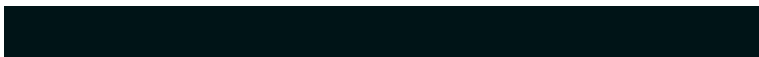
62, 12.737, 271.160



36, 3.158, 213.648



49, 29.436, 223.513



5, 6.594, 220.093

Inverse Universe

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



62, 20.728, 329.899



76, 31.300, 330.195



67, 12.892, 85.877



34, 5.955, 329.264



34, 69.619, 334.973



2, 12.004, 330.706

Previews

White Background



This preview shows how the CIELCh color 67, 10.623, 213.756 looks on a white background.

Color Contrast Check

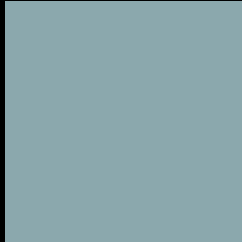
Large Text (above 18pt) WCAG AA × Fail

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, 10.623, 213.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

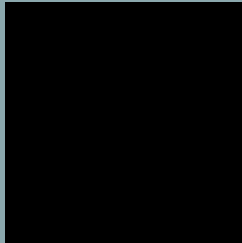
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

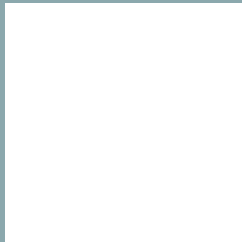
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 10.623, 213.756

Background



This preview shows how black text looks on a background with the CIELCh color 67, 10.623, 213.756.



This preview shows how white text looks on a background with the CIELCh color 67, 10.623, 213.756.

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, 10.623, 213.756

Protanopia
67, 3.956, 301.493

Deuteranopia
67, 10.996, 321.652



Tritanopia
67, 11.433, 237.927

Trichromacy



Original Color
67, 10.623, 213.756

Protanomaly
67, 5.040, 249.541

Deuteranomaly
67, 6.642, 287.696

Tritanomaly
67, 11.127, 232.034

Monochromacy



Original Color
67, 10.623, 213.756

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 4.216, 214.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 10.623, 213.756 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(139, 168, 173)` looks like.

```
.text, #text, p{  
    color:rgb(139, 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(139, 168, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 168, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 10.623, 213.756 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(139, 168, 173) }
```

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

```
.border{ border-color:rgb(139, 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(139, 168, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 168, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 168, 173);  
box-shadow:4px 4px 4px 4px rgb(139, 168,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 10.623, 213.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 168, 173) }
```

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

```
.background{ background-color: rgb(139,  
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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