

Converting Colors

CIELCh(67, 12.909, 242.269)

Have a look what the booklet for
CIELCh(67, 12.909, 242.269)
contains.

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Color

CIELCh(67, 12.909, 242.269)

Conversions

Conversions Part 1

Format	Color
Hex	8BA7B7
RGB	139, 167, 183
RGB Percent	55%, 65%, 72%
CMY	0.4542, 0.3444, 0.2817
CMYK	0.24, 0.09, 0.00, 0.28
HSL	202°, 23%, 63%
HSV	202°, 24%, 72%
XYZ	33.0931, 36.6320, 50.2234
YIQ	160.4520, -21.8240, -0.9600

Conversions

Conversions Part 2

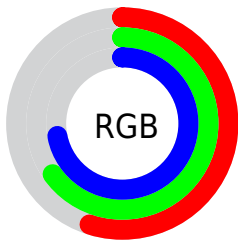
Format	Color
RYB	139, 156, 183
Decimal	9152439
CIELab	67.00, -6.01, -11.43
CIElCh	67, 12.909, 242.269
Yxy	36.6320, 0.2759, 0.3054
Android (android.graphics.Color)	4287342519 (0xFF8BA7B7)
YUV	160.4520, 11.1162, -18.8134
Hunter-Lab	60.5244, -8.3186, -6.8321

Details

The CIELCh color $67, 12.909, 242.269$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 14.532, 57.327$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 12.979, 242.419$, and $47, 12.873, 242.553$ is the 20% darker color. If you saturate the color by 10%, you get $64, 17.879, 243.889$, and if you desaturate by 10%, it is $70, 7.679, 240.959$.

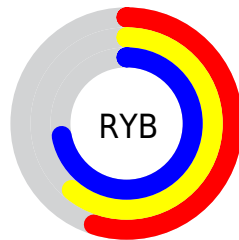
Distribution



Red (55%)

Green (65%)

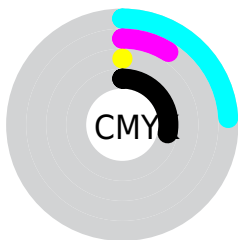
Blue (72%)



Red (55%)

Yellow (61%)

Blue (72%)

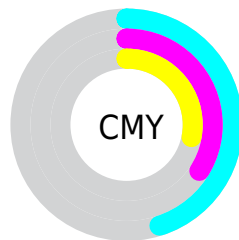


Cyan (24%)

Magenta (9%)

Yellow (0%)

Black (28%)



Cyan (45%)


Magenta (34%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 12.909, 242.269 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, 12.909, 242.269 by changing the saturation by 10% instead.

 67, 12.909,
242.269


 67, 12.909,
242.269


 100, 12.909,
242.269


 57, 12.909,
242.269

 87, 12.909,
242.269

 47, 12.909,
242.269

 97, 12.909,
242.269

 37, 12.909,
242.269

 27, 12.909,
242.269

 17, 12.909,
242.269

 7, 12.909, 242.269

 0, 12.909, 242.269

67, 12.909,
242.269

67, 12.909,
242.269

64, 17.879,
243.889

70, 7.679, 240.959

61, 22.541,
245.898

73, 2.241, 240.017

76, 3.360, 58.807

58, 26.855,
248.369

80, 9.082, 58.163

56, 30.801,
251.380

83, 14.890, 57.581

86, 20.755, 57.089

53, 34.394,
254.997

88, 22.820, 63.956

51, 37.701,
259.239

90, 23.676, 73.859

92, 25.189, 82.775

48, 40.840,
264.045

47, 42.747,

266.972

Harmonies

Complementary

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



67, 12.909, 242.269



66, 14.532, 57.327

Rectangle

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



67, 12.909, 242.269



67, 12.909, 292.269



67, 12.909, 62.269



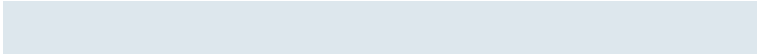
67, 12.909, 112.269

Sweetspot

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



67, 12.908, 242.263



91, 4.784, 240.243



71, 22.777, 154.476



49, 3.130, 240.297



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 12.908, 242.263



83, 18.998, 243.107



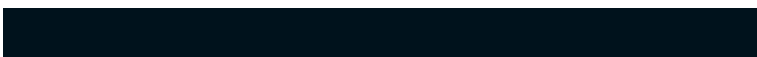
61, 21.123, 286.329



37, 3.133, 240.453



40, 37.557, 266.261



5, 9.048, 253.583

Inverse Universe

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



63, 22.859, 338.789



77, 34.066, 339.258



72, 20.383, 100.612



36, 5.352, 337.612



34, 61.642, 349.450



3, 13.364, 342.921

Previews

White Background



This preview shows how the CIELCh color 67, 12.909, 242.269 looks on a white background.

Color Contrast Check

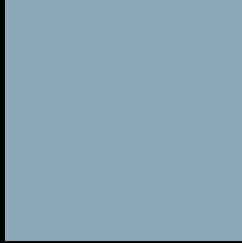
Large Text (above 18pt) WCAG AA × Fail

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, 12.909, 242.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

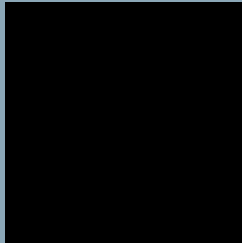
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

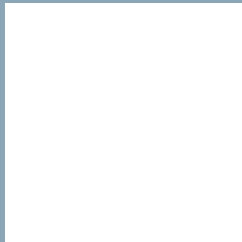
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 12.909, 242.269

Background



This preview shows how black text looks on a background with the CIELCh color 67, 12.909, 242.269.

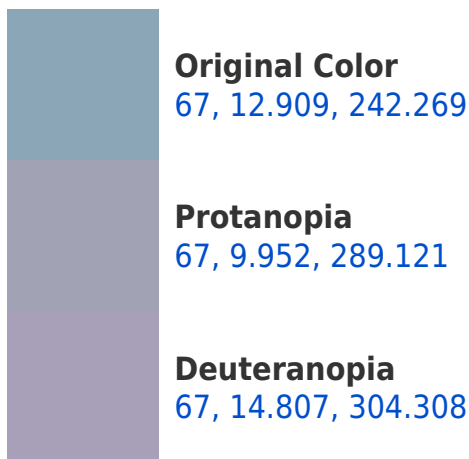


This preview shows how white text looks on a background with the CIELCh color 67, 12.909, 242.269.

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, 12.210, 234.931

Trichromacy



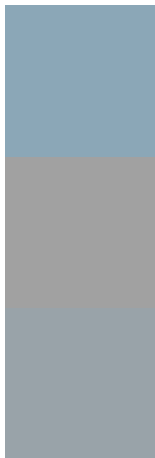
Original Color
67, 12.909, 242.269

Protanomaly
67, 10.089, 268.232

Deuteranomaly
67, 12.217, 284.724

Tritanomaly
67, 12.503, 237.142

Monochromacy



Original Color
67, 12.909, 242.269

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 4.909, 241.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 12.909, 242.269 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, 167, 183)` looks like.

```
.text, #text, p{  
    color:rgb(139, 167, 183)  
}
```

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, 167, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 167, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 12.909, 242.269 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, 167, 183) }
```

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

```
.border{ border-color:rgb(139, 167, 183) }
```

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

Here you see how a box with a 4 pixel rgb(139, 167, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 167, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 167, 183);  
box-shadow:4px 4px 4px 4px rgb(139, 167,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 12.909, 242.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 167, 183) }
```

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

```
.background{ background-color: rgb(139,  
167, 183) }
```

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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