

Converting Colors

CIELCh(67, 17.909, 244.668)

Have a look what the booklet for
CIELCh(67, 17.909, 244.668)
contains.

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Color

CIELCh(67, 18.129, 246.022)

Conversions

Conversions Part 1

Format	Color
Hex	81A8C0
RGB	129, 168, 192
RGB Percent	51%, 66%, 75%
CMY	0.4929, 0.3399, 0.2458
CMYK	0.33, 0.12, 0.00, 0.25
HSL	203°, 33%, 63%
HSV	203°, 33%, 75%
XYZ	32.7106, 36.6320, 55.4017
YIQ	159.0750, -30.9480, -0.8040

Conversions

Conversions Part 2

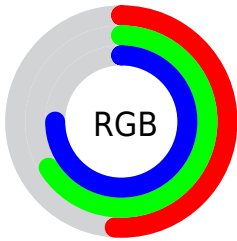
Format	Color
RYB	129, 153, 192
Decimal	8497344
CIELab	67.00, -7.37, -16.56
CIElCh	67, 18.129, 246.022
Yxy	36.6320, 0.2622, 0.2937
Android (android.graphics.Color)	4286687424 (0xFF81A8C0)
YUV	159.0750, 16.2320, -26.3758
Hunter-Lab	60.5244, -9.4467, -11.9048

Details

The CIELCh color `67, 18.129, 246.022` is a light color, and the websafe version is hex `669999`. A complement of this color would be `66, 21.264, 58.540`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 18.090, 245.434`, and `47, 17.971, 245.302` is the 20% darker color. If you saturate the color by 10%, you get `64, 23.116, 248.057`, and if you desaturate by 10%, it is `70, 12.850, 244.362`.

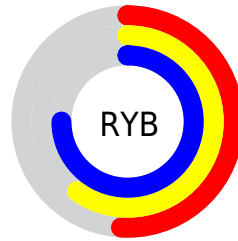
Distribution



Red (51%)

Green (66%)

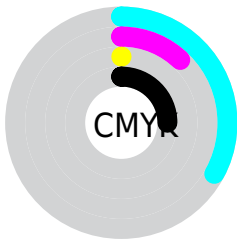
Blue (75%)



Red (51%)

Yellow (60%)

Blue (75%)

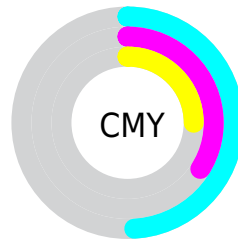


Cyan (33%)

Magenta (12%)

Yellow (0%)

Black (25%)



Cyan (49%)


Magenta (34%)

Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 18.129, 246.022 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, 18.129, 246.022 by changing the saturation by 10% instead.


 67, 18.129,
246.022


 67, 18.129,
246.022


 100, 18.129,
246.022


 57, 18.129,
246.022


 87, 18.129,
246.022

 47, 18.129,
246.022

 97, 18.129,
246.022

 37, 18.129,
246.022

 27, 18.129,
246.022

 17, 18.129,
246.022

 7, 18.129, 246.022

 0, 18.129, 246.022

67, 18.129,
246.022

67, 18.129,
246.022

64, 23.116,
248.057

70, 12.850,
244.362

61, 27.774,
250.551

74, 7.328, 243.027

77, 1.612, 242.126

58, 32.085,
253.580

80, 4.253, 60.829

55, 36.064,
257.203

84, 10.229, 60.129

52, 39.779,
261.438

87, 16.281, 59.511

90, 19.748, 65.333

50, 43.350,
266.218

92, 20.927, 77.650

48, 45.973,
269.791

93, 22.958, 88.150

Harmonies

Complementary

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



67, 18.129, 246.022



66, 21.264, 58.540

Rectangle

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



67, 18.129, 246.022



67, 18.129, 296.022



67, 18.129, 66.022



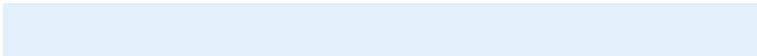
67, 18.129, 116.022

Sweetspot

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



67, 18.128, 246.019



94, 7.132, 242.730



73, 31.800, 154.300



50, 4.854, 242.889



99, 0.012, 296.813



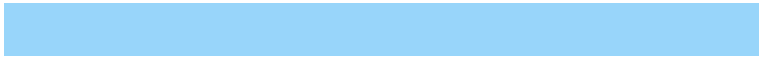
52, 0.007, 296.813

Same Dimension

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



67, 18.128, 246.019



82, 26.280, 247.371



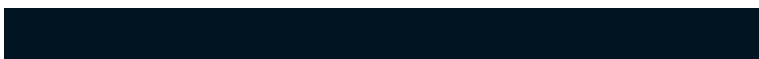
59, 31.035, 288.613



39, 3.293, 242.645



41, 39.836, 269.045



6, 11.301, 256.953

Inverse Universe

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



62, 32.076, 340.400



75, 47.071, 341.065



74, 29.360, 100.552



38, 5.528, 338.408



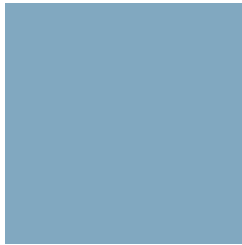
35, 62.533, 350.945



3, 17.104, 345.106

Previews

White Background



This preview shows how the CIELCh color 67, 18.129, 246.022 looks on a white background.

Color Contrast Check

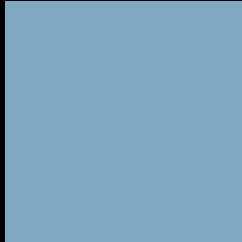
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 18.129, 246.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

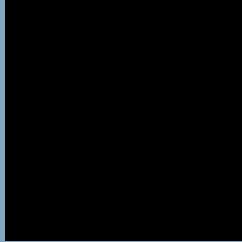
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

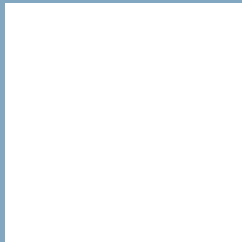
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 18.129, 246.022

Background



This preview shows how black text looks on a background with the CIELCh color 67, 18.129, 246.022.



This preview shows how white text looks on a background with the CIELCh color 67, 18.129, 246.022.

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, 18.129, 246.022

Protanopia

67, 14.954, 287.657

Deuteranopia

67, 19.460, 296.273



Tritanopia
67, 15.991, 225.216

Trichromacy



Original Color
67, 18.129, 246.022

Protanomaly
67, 15.236, 270.374

Deuteranomaly
67, 17.455, 279.414

Tritanomaly
67, 16.381, 233.704

Monochromacy



Original Color
67, 18.129, 246.022

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 7.041, 244.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 18.129, 246.022 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(129, 168, 192)` looks like.

```
.text, #text, p{  
    color:rgb(129, 168, 192)  
}
```

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(129, 168, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 168, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 18.129, 246.022 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(129, 168, 192) }
```

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

```
.border{ border-color:rgb(129, 168, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 168, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 168, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 168, 192);  
box-shadow:4px 4px 4px 4px rgb(129, 168,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 18.129, 246.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 168, 192) }
```

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

```
.background{ background-color: rgb(129,  
168, 192) }
```

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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