

Converting Colors

CIELCh(67, 24.839, 230.491)

Have a look what the booklet for
CIELCh(67, 24.839, 230.491)
contains.

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Color

CIELCh(67, 24.839, 230.491)

Conversions

Conversions Part 1

Format	Color
Hex	66ADC5
RGB	102, 173, 197
RGB Percent	40%, 68%, 77%
CMY	0.6009, 0.3224, 0.2284
CMYK	0.48, 0.12, 0.00, 0.23
HSL	195°, 45%, 59%
HSV	195°, 48%, 77%
XYZ	30.4046, 36.6320, 58.1518
YIQ	154.5070, -50.0200, -7.5880

Conversions

Conversions Part 2

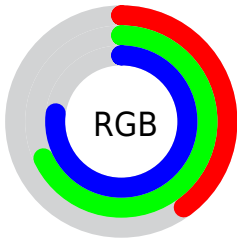
Format	Color
RYB	102, 143, 197
Decimal	6729157
CIELab	67.00, -15.80, -19.16
CIELCh	67, 24.839, 230.491
Yxy	36.6320, 0.2429, 0.2926
Android (android.graphics.Color)	4284919237 (0xFF66ADC5)
YUV	154.5070, 20.9490, -46.0486
Hunter-Lab	60.5244, -16.2476, -14.5988

Details

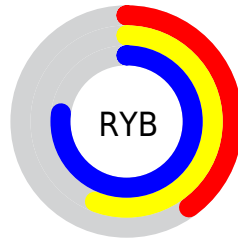
The CIELCh color `67, 24.839, 230.491` is a light color, and the websafe version is hex `669999`. A complement of this color would be `60, 34.925, 44.544`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 24.926, 230.097`, and `47, 24.858, 229.399` is the 20% darker color. If you saturate the color by 10%, you get `65, 28.556, 232.454`, and if you desaturate by 10%, it is `69, 20.537, 228.959`.

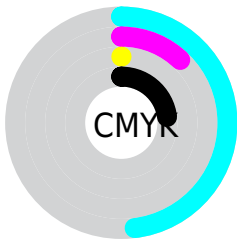
Distribution



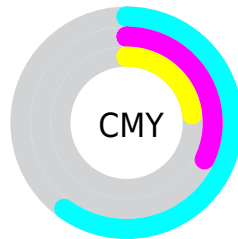
- Red (40%)
- Green (68%)
- Blue (77%)



- Red (40%)
- Yellow (56%)
- Blue (77%)



- Cyan (48%)
- Magenta (12%)
- Yellow (0%)
- Black (23%)




- Cyan (60%)
- Magenta (32%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 24.839, 230.491 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, 24.839, 230.491 by changing the saturation by 10% instead.


 67, 24.839,
230.491


 67, 24.839,
230.491


 100, 24.839,
230.491


 57, 24.839,
230.491


 87, 24.839,
230.491

 47, 24.839,
230.491

 97, 24.839,
230.491

 37, 24.839,
230.491

 27, 24.839,
230.491

 17, 24.839,
230.491

 7, 24.839, 230.491

 0, 24.839, 230.491

67, 24.839,
230.491

67, 24.839,
230.491

65, 28.556,
232.454

69, 20.537,
228.959

63, 31.647,
234.944

72, 15.721,
227.783

61, 34.113,
238.048

74, 10.469,
226.894

59, 36.018,
241.830

77, 4.862, 226.266

57, 37.533,
246.235

80, 1.028, 45.140

83, 7.134, 45.195

57, 37.796,
246.999

86, 13.403, 44.955

88, 18.297, 46.820

89, 18.026, 56.519

Harmonies

Complementary

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



67, 24.839, 230.491



60, 34.925, 44.544

Rectangle

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



67, 24.839, 230.491



67, 24.839, 280.491



67, 24.839, 50.491



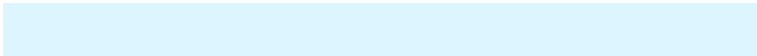
67, 24.839, 100.491

Sweetspot

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



67, 24.838, 230.489



95, 10.003, 226.606



72, 51.508, 147.988



50, 6.867, 226.756



0, 0.000, 0.000



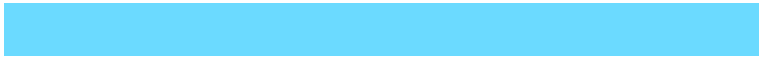
53, 0.007, 296.813

Same Dimension

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



67, 24.838, 230.489



82, 34.963, 232.591



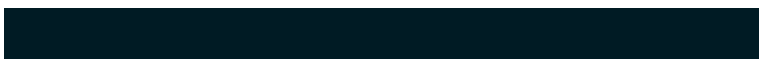
54, 41.341, 285.434



41, 3.351, 226.320



48, 32.771, 246.292



8, 11.147, 236.034

Inverse Universe

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



56, 51.581, 335.890



67, 74.386, 336.796



71, 39.575, 91.232



39, 6.189, 333.012



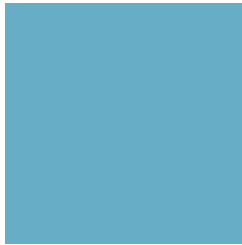
36, 68.344, 341.374



4, 21.428, 337.790

Previews

White Background



This preview shows how the CIELCh color 67, 24.839, 230.491 looks on a white background.

Color Contrast Check

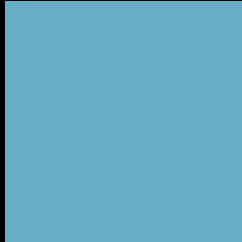
Large Text (above 18pt) WCAG AA × Fail

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, 24.839, 230.491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

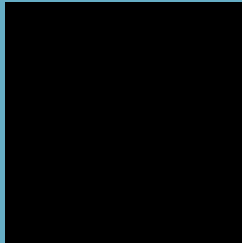
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 24.839, 230.491

Background



This preview shows how black text looks on a background with the CIELCh color 67, 24.839, 230.491.



This preview shows how white text looks on a background with the CIELCh color 67, 24.839, 230.491.

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, 24.839, 230.491

Protanopia
67, 15.525, 286.579

Deuteranopia
67, 22.704, 292.491



Tritanopia
67, 24.261, 216.429

Trichromacy



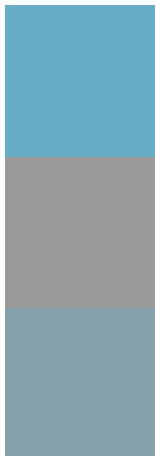
Original Color
67, 24.839, 230.491

Protanomaly
67, 17.358, 258.811

Deuteranomaly
67, 20.874, 267.855

Tritanomaly
67, 24.334, 220.649

Monochromacy



Original Color
67, 24.839, 230.491

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 10.397, 227.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 24.839, 230.491 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(102, 173, 197)` looks like.

```
.text, #text, p{  
    color:rgb(102, 173, 197)  
}
```

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(102, 173, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 173, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 24.839, 230.491 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(102, 173, 197) }
```

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

```
.border{ border-color:rgb(102, 173, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 173, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 173, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 173, 197);  
box-shadow:4px 4px 4px 4px rgb(102, 173,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 24.839, 230.491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 173, 197) }
```

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

```
.background{ background-color: rgb(102,  
173, 197) }
```

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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