

Converting Colors

CIELCh(67, 18.402, 240.227)

Have a look what the booklet for
CIELCh(67, 18.402, 240.227)
contains.

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Color

CIELCh(67, 18.297, 240.456)

Conversions

Conversions Part 1

Format	Color
Hex	7EA9BF
RGB	126, 169, 191
RGB Percent	49%, 66%, 75%
CMY	0.5054, 0.3368, 0.2505
CMYK	0.34, 0.12, 0.00, 0.25
HSL	200°, 34%, 62%
HSV	200°, 34%, 75%
XYZ	32.2493, 36.6320, 54.7315
YIQ	158.6510, -32.6900, -2.2740

Conversions

Conversions Part 2

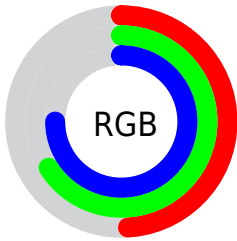
Format	Color
RYB	126, 152, 191
Decimal	8300991
CIELab	67.00, -9.02, -15.92
CIElCh	67, 18.297, 240.456
Yxy	36.6320, 0.2609, 0.2963
Android (android.graphics.Color)	4286491071 (0xFF7EA9BF)
YUV	158.6510, 15.9481, -28.6349
Hunter-Lab	60.5244, -10.8071, -11.2482

Details

The CIELCh color **67, 18.297, 240.456** is a light color, and the websafe version is hex **669999**. A complement of this color would be **65, 22.111, 53.774**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 18.302, 240.082**, and **47, 18.413, 241.110** is the 20% darker color. If you saturate the color by 10%, you get **64, 22.991, 242.355**, and if you desaturate by 10%, it is **70, 13.245, 238.930**.

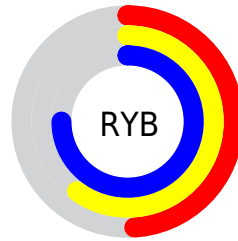
Distribution



Red (49%)

Green (66%)

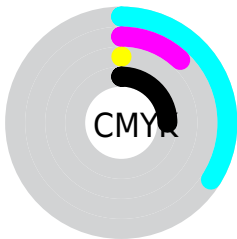
Blue (75%)



Red (49%)

Yellow (60%)

Blue (75%)

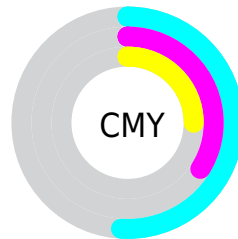


Cyan (34%)

Magenta (12%)

Yellow (0%)

Black (25%)



Cyan (51%)

Magenta (34%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 18.297, 240.456 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, 18.297, 240.456 by changing the saturation by 10% instead.

 67, 18.297,
240.456


 67, 18.297,
240.456


 100, 18.297,
240.456


 57, 18.297,
240.456


 87, 18.297,
240.456

 47, 18.297,
240.456

 97, 18.297,
240.456

 37, 18.297,
240.456

 27, 18.297,
240.456

 17, 18.297,
240.456

 7, 18.297, 240.456

 0, 18.297, 240.456

67, 18.297,
240.456

67, 18.297,
240.456

64, 22.991,
242.355

70, 13.245,
238.930

61, 27.279,
244.716

73, 7.895, 237.722

76, 2.303, 236.876

59, 31.133,
247.621

79, 3.478, 55.738

56, 34.563,
251.145

83, 9.400, 55.175

54, 37.631,
255.323

86, 15.425, 54.667

89, 19.931, 57.300

52, 40.462,
260.110

90, 20.368, 68.620

50, 42.163,
263.073

92, 21.563, 79.027

Harmonies

Complementary

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



67, 18.297, 240.456



65, 22.111, 53.774

Rectangle

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



67, 18.297, 240.456



67, 18.297, 290.456



67, 18.297, 60.456



67, 18.297, 110.456

Sweetspot

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



67, 18.296, 240.453



93, 6.999, 237.337



72, 33.685, 152.787



50, 4.801, 237.474



99, 0.012, 296.813



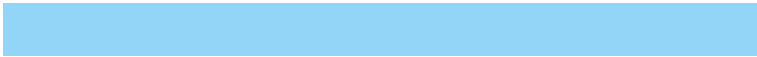
52, 0.007, 296.813

Same Dimension

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



67, 18.296, 240.453



82, 26.603, 241.867



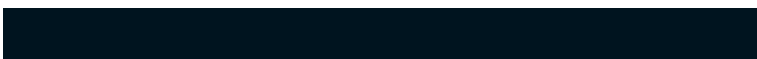
58, 30.876, 287.148



38, 3.189, 237.262



42, 36.323, 262.267



5, 9.925, 250.917

Inverse Universe

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



61, 34.062, 338.490



73, 50.348, 339.183



73, 29.376, 98.493



37, 5.573, 336.505



35, 63.236, 347.506



3, 15.576, 342.037

Previews

White Background



This preview shows how the CIELCh color 67, 18.297, 240.456 looks on a white background.

Color Contrast Check

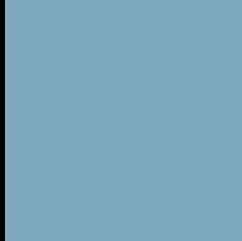
Large Text (above 18pt) WCAG AA × Fail

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, 18.297, 240.456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

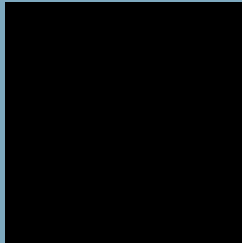
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

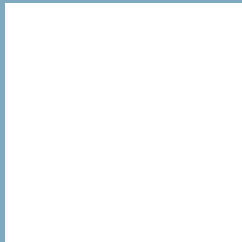
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 18.297, 240.456

Background



This preview shows how black text looks on a background with the CIELCh color 67, 18.297, 240.456.



This preview shows how white text looks on a background with the CIELCh color 67, 18.297, 240.456.

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, 16.988, 225.577

Trichromacy



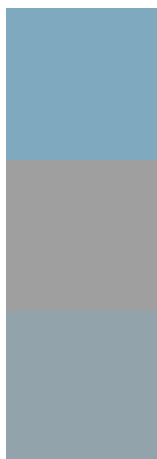
Original Color
67, 18.297, 240.456

Protanomaly
67, 14.482, 266.051

Deuteranomaly
67, 16.518, 276.083

Tritanomaly
67, 17.372, 231.328

Monochromacy



Original Color
67, 18.297, 240.456

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 7.219, 237.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 18.297, 240.456 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(126, 169, 191)` looks like.

```
.text, #text, p{  
    color:rgb(126, 169, 191)  
}
```

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(126, 169, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 169, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 18.297, 240.456 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(126, 169, 191) }
```

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

```
.border{ border-color:rgb(126, 169, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 169, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 169, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 169, 191);  
box-shadow:4px 4px 4px 4px rgb(126, 169,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 18.297, 240.456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 169, 191) }
```

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

```
.background{ background-color: rgb(126,  
169, 191) }
```

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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