

Converting Colors

CIELCh(67, 24.521, 221.412)

Have a look what the booklet for
CIELCh(67, 24.521, 221.412)
contains.

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Color

CIELCh(67, 24.556, 220.415)

Conversions

Conversions Part 1

Format	Color
Hex	63AEBF
RGB	99, 174, 191
RGB Percent	39%, 68%, 75%
CMY	0.6122, 0.3181, 0.2514
CMYK	0.48, 0.09, 0.00, 0.25
HSL	191°, 42%, 57%
HSV	191°, 48%, 75%
XYZ	29.6393, 36.6320, 54.7337
YIQ	153.5130, -50.1570, -10.6130

Conversions

Conversions Part 2

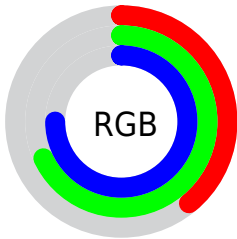
Format	Color
R _Y B	99, 140, 191
Decimal	6532799
CIE Lab	67.00, -18.70, -15.92
CIE LCh	67, 24.556, 220.415
Yxy	36.6320, 0.2449, 0.3027
Android (android.graphics.Color)	4284722879 (0xFF63AEBF)
YUV	153.5130, 18.4811, -47.8079
Hunter-Lab	60.5244, -18.5047, -11.2504

Details

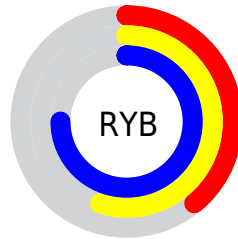
The CIELCh color **67, 24.556, 220.415** is a light color, and the websafe version is hex **669999**. A complement of this color would be **57, 35.284, 38.416**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 24.562, 219.416**, and **47, 24.549, 221.749** is the 20% darker color. If you saturate the color by 10%, you get **65, 28.054, 221.719**, and if you desaturate by 10%, it is **69, 20.399, 219.442**.

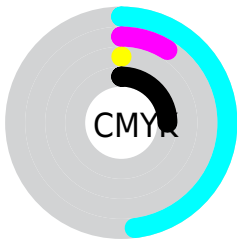
Distribution



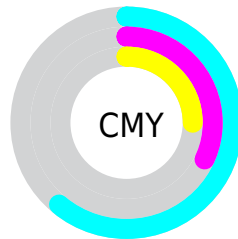
- Red (39%)
- Green (68%)
- Blue (75%)



- Red (39%)
- Yellow (55%)
- Blue (75%)



- Cyan (48%)
- Magenta (9%)
- Yellow (0%)
- Black (25%)





- Cyan (61%)
- Magenta (32%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 24.556, 220.415 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, 24.556, 220.415 by changing the saturation by 10% instead.


 67, 24.556,
220.415


 67, 24.556,
220.415


 100, 24.556,
220.415


 57, 24.556,
220.415


 87, 24.556,
220.415

 47, 24.556,
220.415

 97, 24.556,
220.415

 37, 24.556,
220.415

 27, 24.556,
220.415

 17, 24.556,
220.415

 7, 24.556, 220.415

 0, 24.556, 220.415

67, 24.556,
220.415

67, 24.556,
220.415

65, 28.054,
221.719

69, 20.399,
219.442

64, 30.834,
223.433

71, 15.667,
218.742

62, 32.876,
225.633

73, 10.450,
218.265

61, 34.216,
228.393

75, 4.837, 217.997

78, 1.088, 37.209

60, 35.002,
231.710

80, 7.251, 37.529

59, 35.132,
232.325

83, 13.593, 37.548

85, 20.061, 37.606

86, 20.687, 42.319

Harmonies

Complementary

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



67, 24.556, 220.415



57, 35.284, 38.416

Rectangle

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



67, 24.556, 220.415



67, 24.556, 270.415



67, 24.556, 40.415



67, 24.556, 90.415

Sweetspot

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



67, 24.556, 220.413



93, 10.038, 218.131



70, 52.737, 145.775



50, 6.943, 218.200



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, 24.556, 220.413



83, 34.359, 221.829



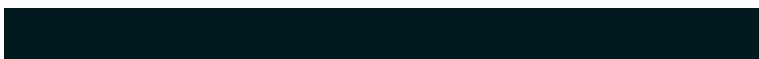
54, 36.816, 280.961



39, 3.304, 218.014



50, 30.536, 231.758



7, 9.547, 225.925

Inverse Universe

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



55, 52.589, 333.112



66, 75.928, 333.865



68, 36.617, 86.161



37, 6.219, 330.542



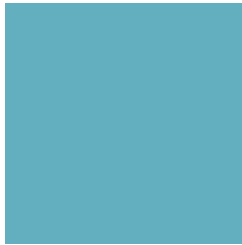
36, 70.140, 337.114



3, 17.891, 333.392

Previews

White Background



This preview shows how the CIELCh color 67, 24.556, 220.415 looks on a white background.

Color Contrast Check

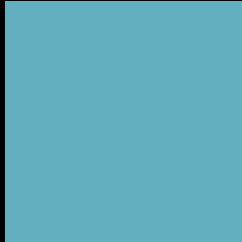
Large Text (above 18pt) WCAG AA × Fail

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, 24.556, 220.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

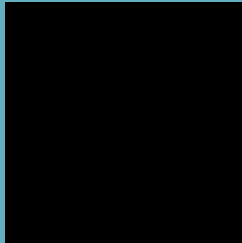
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 24.556, 220.415

Background



This preview shows how black text looks on a background with the CIELCh color 67, 24.556, 220.415.

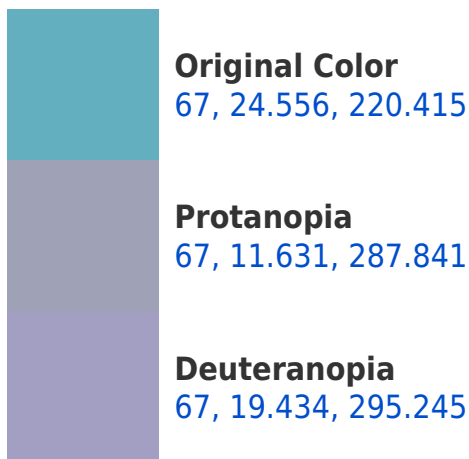


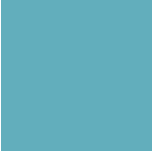
This preview shows how white text looks on a background with the CIELCh color 67, 24.556, 220.415.

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, 24.491, 216.231

Trichromacy



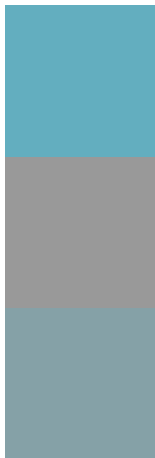
Original Color
67, 24.556, 220.415

Protanomaly
67, 14.220, 246.768

Deuteranomaly
66, 17.847, 263.666

Tritanomaly
67, 24.574, 217.559

Monochromacy



Original Color
67, 24.556, 220.415

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 10.472, 217.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 24.556, 220.415 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(99, 174, 191)` looks like.

```
.text, #text, p{  
    color:rgb(99, 174, 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(99, 174, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 174, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 24.556, 220.415 is called "border". The border property can be set on classes, ids or directly on the HTML element.

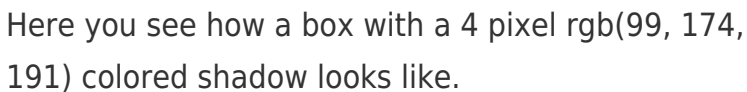
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 174, 191) }
```

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

```
.border{ border-color:rgb(99, 174, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(99, 174, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 174, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 174, 191);  
box-shadow:4px 4px 4px 4px rgb(99, 174,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 24.556, 220.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 174, 191) }
```

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

```
.background{ background-color: rgb(99, 174,  
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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