

Converting Colors

CIELCh(67, 25.471, 216.754)

Have a look what the booklet for
CIELCh(67, 25.471, 216.754)
contains.

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Color

CIELCh(67, 25.471, 216.754)

Conversions

Conversions Part 1

Format	Color
Hex	5FAFBE
RGB	95, 175, 190
RGB Percent	37%, 69%, 75%
CMY	0.6289, 0.3151, 0.2563
CMYK	0.50, 0.08, 0.00, 0.26
HSL	189°, 42%, 56%
HSV	189°, 50%, 74%
XYZ	29.1927, 36.6320, 54.0358
YIQ	152.7900, -52.4950, -12.2950

Conversions

Conversions Part 2

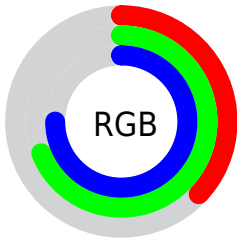
Format	Color
RYB	95, 138, 190
Decimal	6270910
CIELab	67.00, -20.41, -15.24
CIElCh	67, 25.471, 216.754
Yxy	36.6320, 0.2436, 0.3056
Android (android.graphics.Color)	4284460990 (0xFF5F4FBE)
YUV	152.7900, 18.3445, -50.6818
Hunter-Lab	60.5244, -19.8218, -10.5667

Details

The CIELCh color **67, 25.471, 216.754** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **55, 37.395, 36.293**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 25.596, 215.906**, and **47, 25.499, 217.704** is the 20% darker color. If you saturate the color by 10%, you get **65, 28.813, 217.852**, and if you desaturate by 10%, it is **69, 21.431, 215.953**.

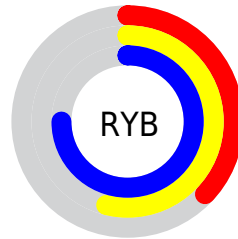
Distribution



Red (37%)

Green (69%)

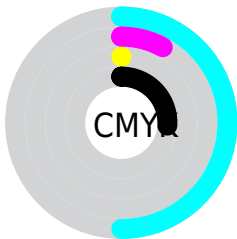
Blue (75%)



Red (37%)

Yellow (54%)

Blue (75%)

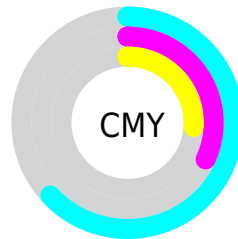


Cyan (50%)

Magenta (8%)

Yellow (0%)

Black (26%)



Cyan (63%)


Magenta (32%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 25.471, 216.754 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, 25.471, 216.754 by changing the saturation by 10% instead.


 67, 25.471,
216.754


 67, 25.471,
216.754


 100, 25.471,
216.754


 57, 25.471,
216.754


 87, 25.471,
216.754

 47, 25.471,
216.754

 97, 25.471,
216.754

 37, 25.471,
216.754

 27, 25.471,
216.754

 17, 25.471,
216.754

 7, 25.471, 216.754

 0, 25.471, 216.754

67, 25.471,
216.754

67, 25.471,
216.754

65, 28.813,
217.852

69, 21.431,
215.953

64, 31.399,
219.317

71, 16.777,
215.400

63, 33.214,
221.215

73, 11.603,
215.050

62, 34.299,
223.608

75, 6.002, 214.881

61, 34.852,
226.416

77, 0.064, 223.058

79, 6.136, 34.620

82, 12.528, 34.739

84, 19.058, 34.882

86, 21.712, 37.418

Harmonies

Complementary

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



67, 25.471, 216.754



55, 37.395, 36.293

Rectangle

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



67, 25.471, 216.754



67, 25.471, 266.754



67, 25.471, 36.754



67, 25.471, 86.754

Sweetspot

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



67, 25.471, 216.752



93, 10.904, 214.944



70, 55.706, 144.508



50, 7.452, 214.985



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, 25.471, 216.752



83, 35.493, 217.965



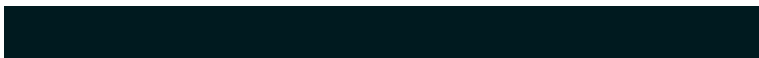
54, 36.437, 278.948



39, 3.360, 214.878



51, 30.469, 225.951



7, 9.688, 221.109

Inverse Universe

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



54, 55.153, 332.216



65, 79.406, 332.924



66, 37.033, 83.133



37, 6.338, 329.628



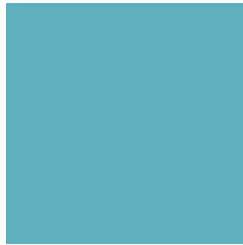
36, 71.574, 335.593



3, 18.378, 331.988

Previews

White Background



This preview shows how the CIELCh color 67, 25.471, 216.754 looks on a white background.

Color Contrast Check

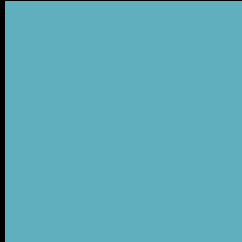
Large Text (above 18pt) WCAG AA × Fail

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, 25.471, 216.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

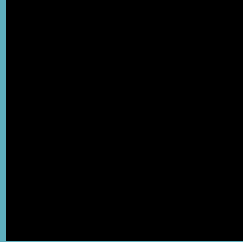
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 25.471, 216.754

Background



This preview shows how black text looks on a background with the CIELCh color 67, 25.471, 216.754.



This preview shows how white text looks on a background with the CIELCh color 67, 25.471, 216.754.

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, 25.471, 216.754

Protanopia

67, 11.068, 289.457

Deuteranopia

67, 19.514, 297.310



Tritanopia
67, 25.619, 215.293

Trichromacy



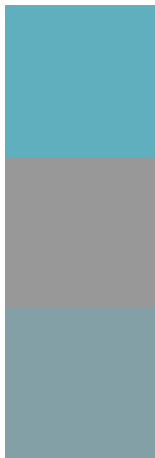
Original Color
67, 25.471, 216.754

Protanomaly
66, 14.078, 244.076

Deuteranomaly
66, 17.521, 261.745

Tritanomaly
67, 25.619, 215.293

Monochromacy



Original Color
67, 25.471, 216.754

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 10.800, 216.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 25.471, 216.754 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(95, 175, 190)` looks like.

```
.text, #text, p{  
    color:rgb(95, 175, 190)  
}
```

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(95, 175, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 175, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 25.471, 216.754 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(95, 175, 190) }
```

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

```
.border{ border-color:rgb(95, 175, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 175, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 175, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 175, 190);  
box-shadow:4px 4px 4px 4px rgb(95, 175,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 25.471, 216.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 175, 190) }
```

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

```
.background{ background-color: rgb(95, 175,  
190) }
```

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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