

Converting Colors

CIELCh(67, 25.052, 243.595)

Have a look what the booklet for
CIELCh(67, 25.052, 243.595)
contains.

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Color

CIELCh(67, 25.052, 243.595)

Conversions

Conversions Part 1

Format	Color
Hex	6EABCB
RGB	110, 171, 203
RGB Percent	43%, 67%, 80%
CMY	0.5696, 0.3304, 0.2049
CMYK	0.46, 0.16, 0.00, 0.20
HSL	201°, 47%, 61%
HSV	201°, 46%, 80%
XYZ	31.6651, 36.6320, 61.7438
YIQ	156.4090, -46.6280, -2.9800

Conversions

Conversions Part 2

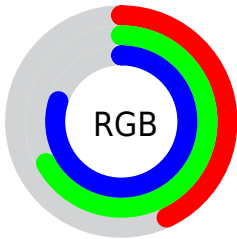
Format	Color
R _{YB}	110, 147, 203
Decimal	7252939
CIE _{Lab}	67.00, -11.14, -22.44
CIE _{LCh}	67, 25.052, 243.595
Yxy	36.6320, 0.2435, 0.2817
Android (android.graphics.Color)	4285443019 (0xFF6EABCB)
YUV	156.4090, 22.9694, -40.7007
Hunter-Lab	60.5244, -12.5302, -18.1175

Details

The CIELCh color **67, 25.052, 243.595** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **64, 32.664, 53.629**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 23.529, 238.948**, and **47, 25.037, 243.626** is the 20% darker color. If you saturate the color by 10%, you get **64, 29.498, 246.099**, and if you desaturate by 10%, it is **70, 20.179, 241.570**.

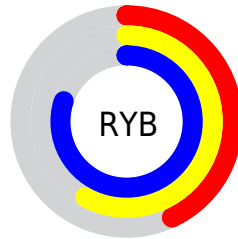
Distribution



Red (43%)

Green (67%)

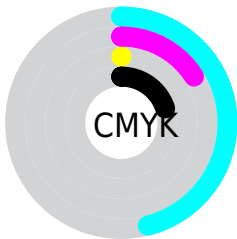
Blue (80%)



Red (43%)

Yellow (58%)

Blue (80%)

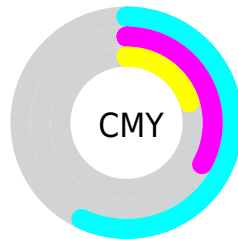


Cyan (46%)

Magenta (16%)

Yellow (0%)

Black (20%)



Cyan (57%)


Magenta (33%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 25.052, 243.595 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, 25.052, 243.595 by changing the saturation by 10% instead.


 67, 25.052,
243.595


 67, 25.052,
243.595


 100, 25.052,
243.595


 57, 25.052,
243.595


 87, 25.052,
243.595

 47, 25.052,
243.595

 97, 25.052,
243.595

 37, 25.052,
243.595

 27, 25.052,
243.595

 17, 25.052,
243.595

 7, 25.052, 243.595

 0, 25.052, 243.595

67, 25.052,
243.595

67, 25.052,
243.595

64, 29.498,
246.099

70, 20.179,
241.570

61, 33.498,
249.171

73, 14.928,
239.945

59, 37.074,
252.876

76, 9.357, 238.651

56, 40.307,
257.234

80, 3.525, 237.678

83, 2.510, 56.492

54, 43.345,
262.166

86, 8.700, 55.935

53, 44.627,
264.217

90, 15.001, 55.392

92, 16.387, 68.042

94, 17.791, 81.725

Harmonies

Complementary

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



67, 25.052, 243.595



64, 32.664, 53.629

Rectangle

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



67, 25.052, 243.595



67, 25.052, 293.595



67, 25.052, 63.595



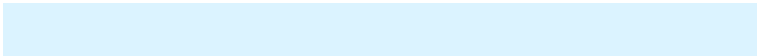
67, 25.052, 113.595

Sweetspot

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



67, 25.051, 243.593



94, 9.976, 238.463



75, 47.131, 151.397



50, 6.858, 238.709



0, 0.000, 0.000



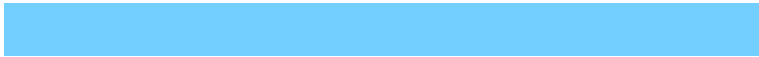
53, 0.007, 296.813

Same Dimension

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



67, 25.051, 243.593



79, 34.996, 246.063



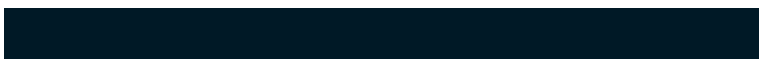
54, 44.620, 289.549



41, 3.403, 237.975



44, 38.074, 263.402



8, 12.542, 251.800

Inverse Universe

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



59, 47.487, 339.876



68, 67.160, 340.925



76, 41.374, 97.083



40, 5.920, 336.752



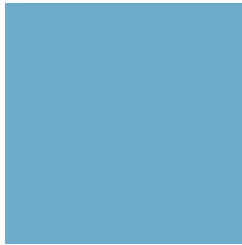
36, 65.221, 348.036



4, 21.974, 343.498

Previews

White Background



This preview shows how the CIELCh color 67, 25.052, 243.595 looks on a white background.

Color Contrast Check

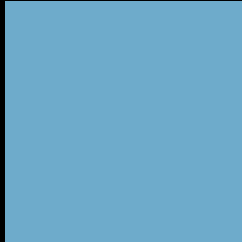
Large Text (above 18pt) WCAG AA × Fail

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, 25.052, 243.595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

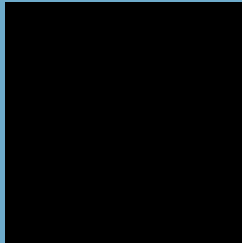
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 25.052, 243.595

Background



This preview shows how black text looks on a background with the CIELCh color 67, 25.052, 243.595.

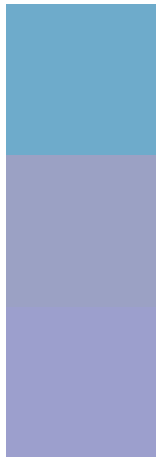


This preview shows how white text looks on a background with the CIELCh color 67, 25.052, 243.595.

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, 25.052, 243.595

Protanopia

67, 19.418, 286.068

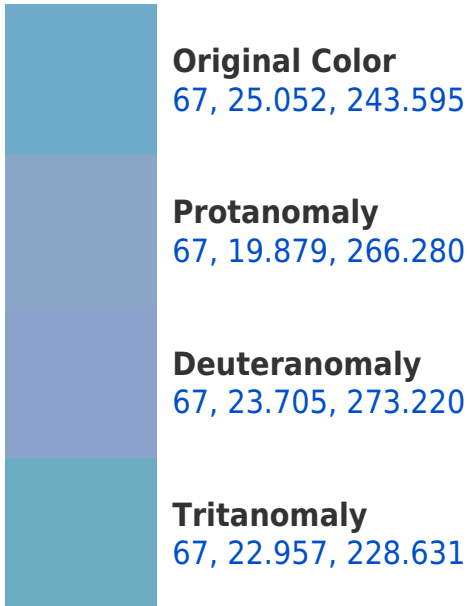
Deuteranopia

67, 25.463, 290.507

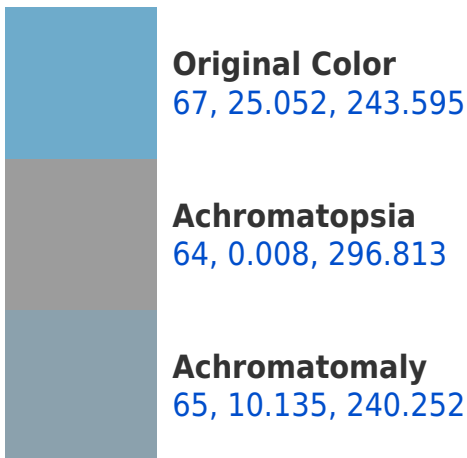


Tritanopia
67, 22.605, 217.991

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 25.052, 243.595 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(110, 171, 203)` looks like.

```
.text, #text, p{  
    color:rgb(110, 171, 203)  
}
```

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(110, 171, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 171, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 25.052, 243.595 is called "border". The border property can be set on classes, ids or directly on the HTML element.

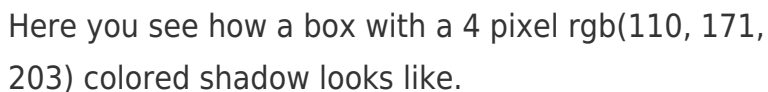
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 171, 203) }
```

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

```
.border{ border-color:rgb(110, 171, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 171, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 171, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 171, 203);  
box-shadow:4px 4px 4px 4px rgb(110, 171,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 25.052, 243.595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 171, 203) }
```

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

```
.background{ background-color: rgb(110,  
171, 203) }
```

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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