

Converting Colors

CIELCh(67, 28.490, 240.704)

Have a look what the booklet for
CIELCh(67, 28.490, 240.704)
contains.

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Color

CIELCh(67, 28.527, 241.203)

Conversions

Conversions Part 1

Format	Color
Hex	60ACCF
RGB	96, 172, 207
RGB Percent	38%, 67%, 81%
CMY	0.6223, 0.3244, 0.1871
CMYK	0.54, 0.17, 0.00, 0.19
HSL	199°, 54%, 60%
HSV	199°, 54%, 81%
XYZ	30.9576, 36.6320, 64.6537
YIQ	153.2660, -56.5310, -5.2270

Conversions

Conversions Part 2

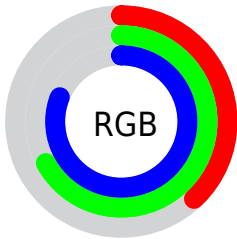
Format	Color
RYB	96, 141, 207
Decimal	6335695
CIELab	67.00, -13.74, -25.00
CIELCh	67, 28.527, 241.203
Yxy	36.6320, 0.2341, 0.2770
Android (android.graphics.Color)	4284525775 (0xFF60ACCF)
YUV	153.2660, 26.4909, -50.2223
Hunter-Lab	60.5244, -14.6165, -20.9680

Details

The CIELCh color **67, 28.527, 241.203** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **62, 40.231, 50.450**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 26.242, 232.465**, and **47, 28.613, 241.264** is the 20% darker color. If you saturate the color by 10%, you get **64, 32.456, 243.971**, and if you desaturate by 10%, it is **70, 24.081, 238.975**.

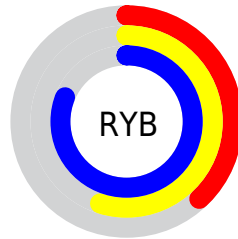
Distribution



Red (38%)

Green (67%)

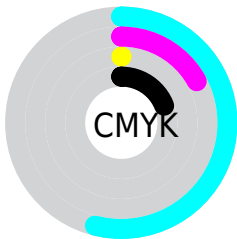
Blue (81%)



Red (38%)

Yellow (55%)

Blue (81%)

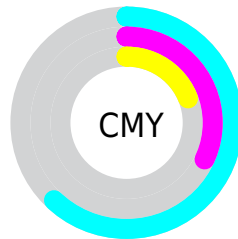


Cyan (54%)

Magenta (17%)

Yellow (0%)

Black (19%)



Cyan (62%)


Magenta (32%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 28.527, 241.203 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, 28.527, 241.203 by changing the saturation by 10% instead.

 67, 28.527,
241.203

 67, 28.527,
241.203

 100, 28.527,
241.203

 57, 28.527,
241.203

 87, 28.527,
241.203

 47, 28.527,
241.203

 97, 28.527,
241.203

 37, 28.527,
241.203

 27, 28.527,
241.203

 17, 28.527,
241.203

 7, 28.527, 241.203

 0, 28.527, 241.203

67, 28.527,
241.203

67, 28.527,
241.203

64, 32.456,
243.971

70, 24.081,
238.975

62, 35.871,
247.364

73, 19.159,
237.199

59, 38.832,
251.433

76, 13.822,
235.793

57, 41.469,
256.154

79, 8.137, 234.695

56, 43.137,
259.376

82, 2.172, 233.975

85, 4.011, 52.903

89, 10.359, 52.416

91, 14.558, 57.613

93, 15.221, 73.031

Harmonies

Complementary

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



67, 28.527, 241.203



62, 40.231, 50.450

Rectangle

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



67, 28.527, 241.203



67, 28.527, 291.203



67, 28.527, 61.203



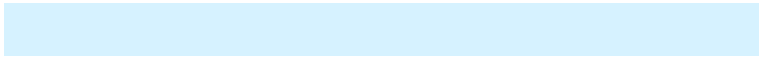
67, 28.527, 111.203

Sweetspot

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



67, 28.526, 241.202



94, 11.309, 234.958



75, 56.849, 149.088



49, 7.599, 235.179



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, 28.526, 241.202



78, 38.464, 244.352



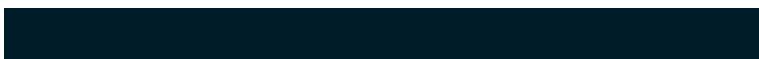
52, 51.522, 289.621



42, 3.463, 234.328



46, 36.656, 258.552



9, 12.846, 246.841

Inverse Universe

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



57, 56.584, 339.266



64, 77.042, 340.495



75, 47.527, 94.006



41, 6.166, 335.533



37, 67.062, 345.875



5, 24.423, 341.842

Previews

White Background



This preview shows how the CIELCh color 67, 28.527, 241.203 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, 28.527, 241.203 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, 28.527, 241.203

Background



This preview shows how black text looks on a background with the CIELCh color 67, 28.527, 241.203.

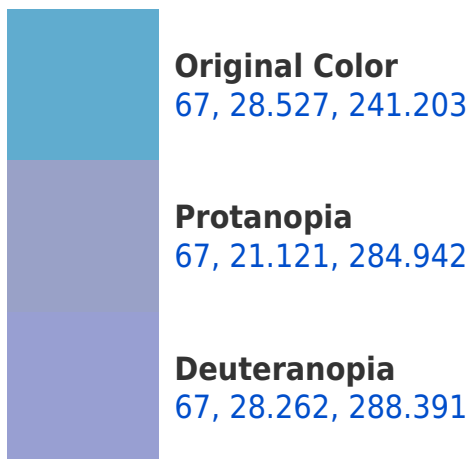


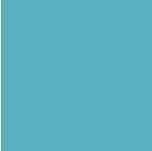
This preview shows how white text looks on a background with the CIELCh color 67, 28.527, 241.203.

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](#).

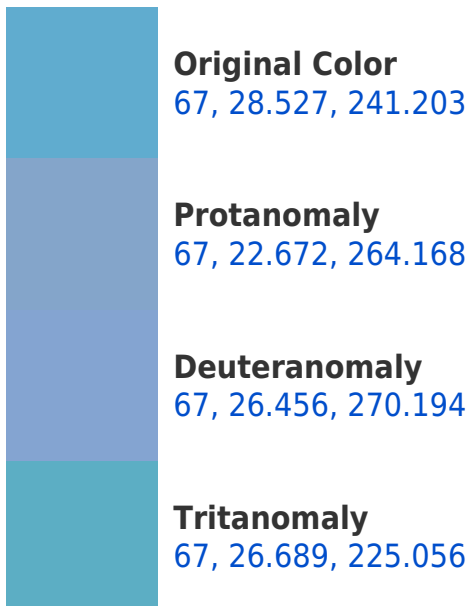
Dichromacy



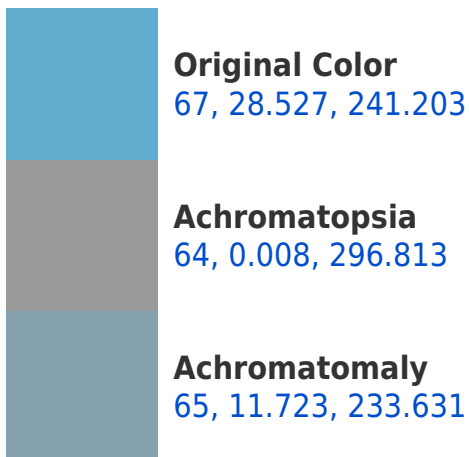


Tritanopia
67, 26.542, 215.878

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 28.527, 241.203 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(96, 172, 207)` looks like.

```
.text, #text, p{  
    color:rgb(96, 172, 207)  
}
```

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(96, 172, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 172, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 28.527, 241.203 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(96, 172, 207) }
```

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

```
.border{ border-color:rgb(96, 172, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 172, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 172, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 172, 207);  
box-shadow:4px 4px 4px 4px rgb(96, 172,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 28.527, 241.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 172, 207) }
```

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

```
.background{ background-color: rgb(96, 172,  
207) }
```

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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