

Converting Colors

CIELCh(67, 27.007, 254.166)

Have a look what the booklet for
CIELCh(67, 27.007, 254.166)
contains.

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Color

CIELCh(67, 26.994, 254.114)

Conversions

Conversions Part 1

Format	Color
Hex	72A9D1
RGB	114, 169, 209
RGB Percent	45%, 66%, 82%
CMY	0.5523, 0.3366, 0.1798
CMYK	0.45, 0.19, 0.00, 0.18
HSL	205°, 51%, 63%
HSV	205°, 45%, 82%
XYZ	32.7045, 36.6320, 65.7723
YIQ	157.1150, -45.6200, 0.7800

Conversions

Conversions Part 2

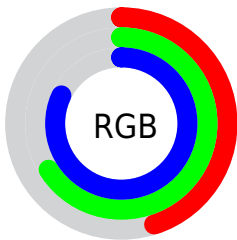
Format	Color
RYB	114, 149, 209
Decimal	7514577
CIELab	67.00, -7.39, -25.96
CIELCh	67, 26.994, 254.114
Yxy	36.6320, 0.2421, 0.2711
Android (android.graphics.Color)	4285704657 (0xFF72A9D1)
YUV	157.1150, 25.5793, -37.8119
Hunter-Lab	60.5244, -9.4645, -22.0638

Details

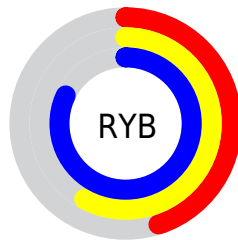
The CIELCh color $67, 26.994, 254.114$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $68, 32.969, 61.649$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 22.929, 244.036$, and $47, 26.828, 253.735$ is the 20% darker color. If you saturate the color by 10%, you get $64, 32.255, 256.888$, and if you desaturate by 10%, it is $71, 21.448, 251.816$.

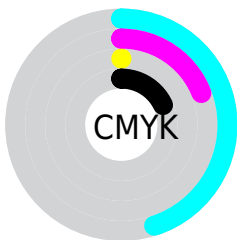
Distribution



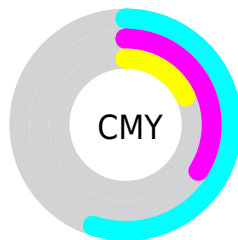
- Red (45%)
- Green (66%)
- Blue (82%)



- Red (45%)
- Yellow (58%)
- Blue (82%)



- Cyan (45%)
- Magenta (19%)
- Yellow (0%)
- Black (18%)



- Cyan (55%)
- Magenta (34%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 26.994, 254.114 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, 26.994, 254.114 by changing the saturation by 10% instead.

■ 67, 26.994,
254.114

■ 67, 26.994,
254.114

■ 100, 26.994,
254.114

■ 57, 26.994,
254.114

■ 87, 26.994,
254.114

■ 47, 26.994,
254.114

■ 97, 26.994,
254.114

■ 37, 26.994,
254.114

■ 27, 26.994,
254.114

■ 17, 26.994,
254.114

■ 7, 26.994, 254.114

■ 0, 26.994, 254.114

67, 26.994,
254.114

67, 26.994,
254.114

64, 32.255,
256.888

71, 21.448,
251.816

60, 37.235,
260.205

74, 15.646,
249.926

57, 41.979,
264.098

78, 9.623, 248.377

54, 46.578,
268.540

82, 3.425, 247.163

51, 51.172,
273.405

86, 2.909, 65.802

50, 53.344,
275.610

90, 9.339, 65.002

93, 14.386, 70.177

95, 16.602, 88.642

97, 20.080,
101.611

Harmonies

Complementary

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



67, 26.994, 254.114



68, 32.969, 61.649

Rectangle

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



67, 26.994, 254.114



67, 26.994, 304.114



67, 26.994, 74.114



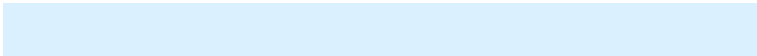
67, 26.994, 124.114

Sweetspot

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



67, 26.993, 254.113



94, 10.278, 248.204



77, 44.762, 154.981



49, 7.076, 248.507



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, 26.993, 254.113



76, 37.578, 256.951



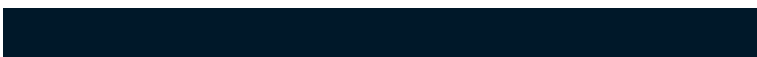
54, 50.079, 293.332



42, 3.567, 247.597



40, 44.789, 274.790



7, 14.547, 263.316

Inverse Universe

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



60, 45.991, 343.821



68, 64.138, 345.129



80, 45.243, 101.846



41, 5.722, 340.318



36, 63.532, 354.484



5, 22.743, 348.722

Previews

White Background



This preview shows how the CIELCh color 67, 26.994, 254.114 looks on a white background.

Color Contrast Check

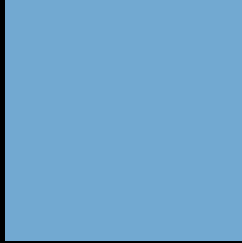
Large Text (above 18pt) WCAG AA × Fail

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, 26.994, 254.114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

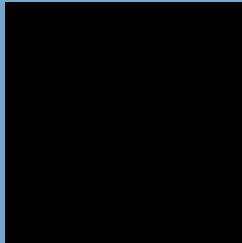
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 26.994, 254.114

Background



This preview shows how black text looks on a background with the CIELCh color 67, 26.994, 254.114.

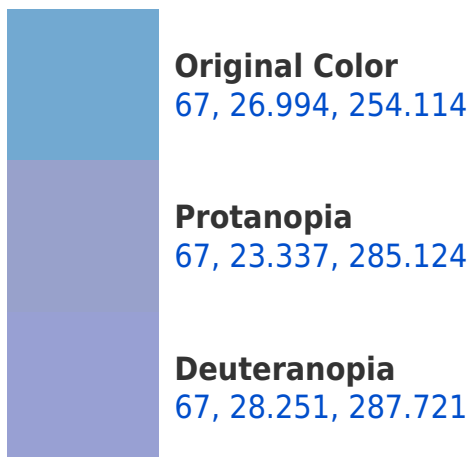


This preview shows how white text looks on a background with the CIELCh color 67, 26.994, 254.114.

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](#).

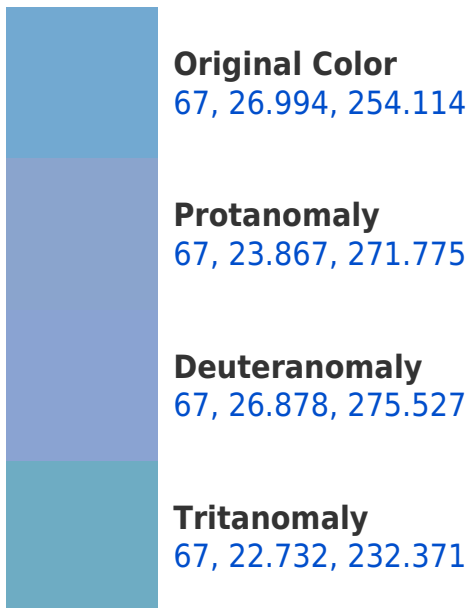
Dichromacy





Tritanopia
67, 21.873, 218.748

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 26.994, 254.114 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(114, 169, 209)` looks like.

```
.text, #text, p{  
    color:rgb(114, 169, 209)  
}
```

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(114, 169, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 169, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 26.994, 254.114 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(114, 169, 209) }
```

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

```
.border{ border-color:rgb(114, 169, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 169, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 169, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 169, 209);  
box-shadow:4px 4px 4px 4px rgb(114, 169,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 26.994, 254.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 169, 209) }
```

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

```
.background{ background-color: rgb(114,  
169, 209) }
```

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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