

Converting Colors

CIELCh(67, 50.814, 275.924)

Have a look what the booklet for
CIELCh(67, 50.814, 275.924)
contains.

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Color

CIELCh(67, 50.828, 275.847)

Conversions

Conversions Part 1

Format	Color
Hex	62A5FE
RGB	98, 165, 254
RGB Percent	38%, 65%, 100%
CMY	0.6160, 0.3532, 0.0042
CMYK	0.61, 0.35, 0.00, 0.00
HSL	214°, 99%, 69%
HSV	214°, 61%, 100%
XYZ	36.3514, 36.6320, 98.8637
YIQ	155.1130, -68.5010, 13.4750

Conversions

Conversions Part 2

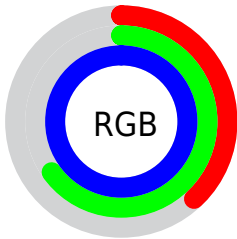
Format	Color
R _{YB}	98, 145, 254
Decimal	6465022
CIE Lab	67.00, 5.18, -50.56
CIE LCh	67, 50.828, 275.847
Yxy	36.6320, 0.2115, 0.2132
Android (android.graphics.Color)	4284655102 (0xFF62A5FE)
YUV	155.1130, 48.7513, -50.0881
Hunter-Lab	60.5244, 1.2908, -54.4804

Details

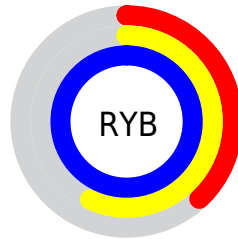
The CIELCh color **67, 50.828, 275.847** is a light color, and the websafe version is hex **3399FF**. A complement of this color would be **80, 55.780, 74.212**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 25.428, 245.301**, and **47, 50.773, 275.757** is the 20% darker color. If you saturate the color by 10%, you get **62, 59.216, 279.405**, and if you desaturate by 10%, it is **72, 42.527, 272.734**.

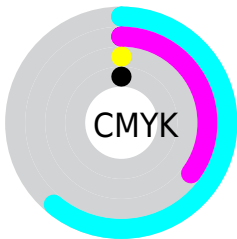
Distribution



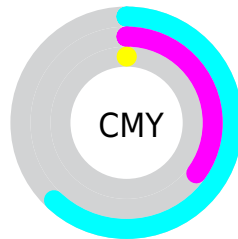
- Red (38%)
- Green (65%)
- Blue (100%)



- Red (38%)
- Yellow (57%)
- Blue (100%)



- Cyan (61%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (35%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 50.828, 275.847 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, 50.828, 275.847 by changing the saturation by 10% instead.

 67, 50.828,
275.847


 67, 50.828,
275.847

 100, 50.828,
275.847

 57, 50.828,
275.847

 87, 50.828,
275.847

 47, 50.828,
275.847

 97, 50.828,
275.847

 37, 50.828,
275.847

 27, 50.828,
275.847

 17, 50.828,
275.847

 7, 50.828, 275.847

 0, 50.828, 275.847

67, 50.828,
275.847

67, 50.828,
275.847

62, 59.216,
279.405

72, 42.527,
272.734

57, 67.771,
283.349

77, 34.258,
270.061

53, 76.554,
287.535

83, 25.991,
267.789

50, 84.261,
291.088

88, 17.717,
265.869

93, 9.446, 264.254

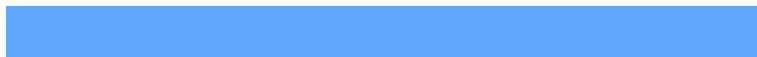
99, 1.191, 263.138

100, 0.530,
109.992

Harmonies

Complementary

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



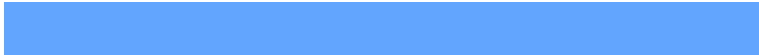
67, 50.828, 275.847



80, 55.780, 74.212

Rectangle

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



67, 50.828, 275.847



67, 50.828, 325.847



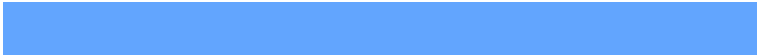
67, 50.828, 95.847



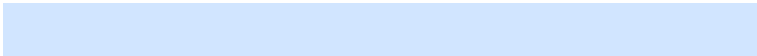
67, 50.828, 145.847

Sweetspot

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



67, 50.827, 275.848



90, 14.927, 265.282



90, 59.961, 160.163



47, 10.374, 265.778



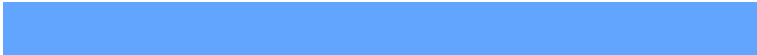
0, 0.000, 0.000



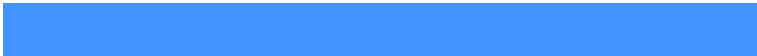
53, 0.007, 296.813

Same Dimension

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



67, 50.827, 275.848



61, 61.602, 280.391



51, 89.660, 301.360



50, 4.713, 263.976



38, 66.860, 290.343



10, 26.927, 284.372

Inverse Universe

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



64, 65.344, 355.912



59, 75.163, 359.198



96, 74.577, 107.750



50, 6.098, 348.435



41, 68.063, 8.931



10, 31.388, 2.293

Previews

White Background



This preview shows how the CIELCh color 67, 50.828, 275.847 looks on a white background.

Color Contrast Check

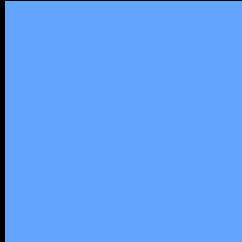
Large Text (above 18pt) WCAG AA × Fail

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, 50.828, 275.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

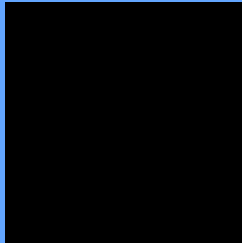
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

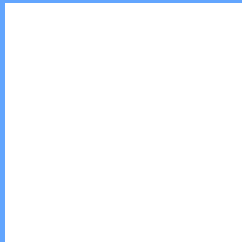
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 50.828, 275.847

Background



This preview shows how black text looks on a background with the CIELCh color 67, 50.828, 275.847.



This preview shows how white text looks on a background with the CIELCh color 67, 50.828, 275.847.

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, 50.828, 275.847

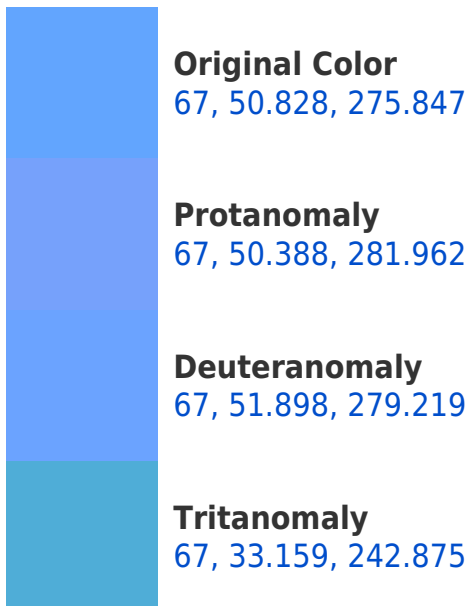
Protanopia
67, 49.971, 285.862

Deuteranopia
67, 52.195, 280.900

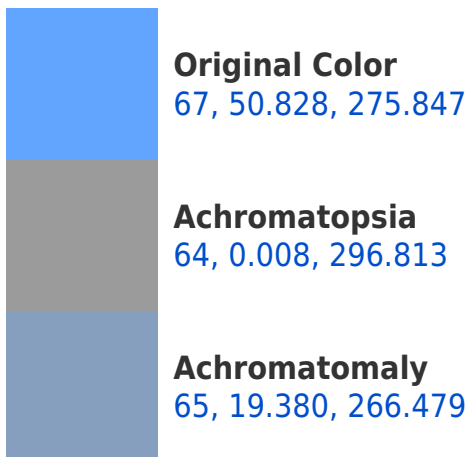


Tritanopia
67, 31.028, 212.814

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 50.828, 275.847 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(98, 165, 254)` looks like.

```
.text, #text, p{  
    color:rgb(98, 165, 254)  
}
```

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(98, 165, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 165, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 50.828, 275.847 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(98, 165, 254) }
```

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

```
.border{ border-color:rgb(98, 165, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 165, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 165, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 165, 254);  
box-shadow:4px 4px 4px 4px rgb(98, 165,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 50.828, 275.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 165, 254) }
```

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

```
.background{ background-color: rgb(98, 165,  
254) }
```

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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