

Converting Colors

CIELCh(67, 47.883, 276.417)

Have a look what the booklet for
CIELCh(67, 47.883, 276.417)
contains.

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Color

CIELCh(67, 48.345, 276.941)

Conversions

Conversions Part 1

Format	Color
Hex	6BA4F9
RGB	107, 164, 249
RGB Percent	42%, 64%, 98%
CMY	0.5793, 0.3559, 0.0225
CMYK	0.57, 0.34, 0.00, 0.02
HSL	216°, 93%, 70%
HSV	216°, 57%, 98%
XYZ	36.5514, 36.6320, 94.9756
YIQ	156.6470, -61.2570, 14.3510

Conversions

Conversions Part 2

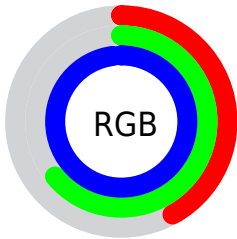
Format	Color
R _Y B	107, 148, 249
Decimal	7054585
CIE Lab	67.00, 5.84, -47.99
CIE LCh	67, 48.345, 276.941
Yxy	36.6320, 0.2174, 0.2178
Android (android.graphics.Color)	4285244665 (0xFF6BA4F9)
YUV	156.6470, 45.5300, -43.5404
Hunter-Lab	60.5244, 1.8806, -50.6716

Details

The CIELCh color **67, 48.345, 276.941** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **81, 51.348, 77.494**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 24.341, 250.165**, and **47, 48.169, 276.710** is the 20% darker color. If you saturate the color by 10%, you get **62, 57.087, 280.233**, and if you desaturate by 10%, it is **72, 39.722, 274.077**.

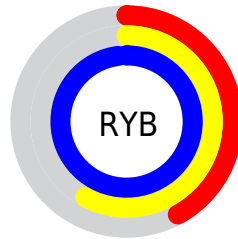
Distribution



Red (42%)

Green (64%)

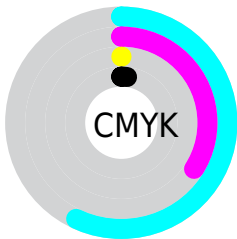
Blue (98%)



Red (42%)

Yellow (58%)

Blue (98%)

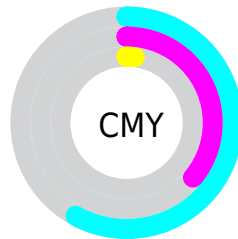


Cyan (57%)

Magenta (34%)

Yellow (0%)

Black (2%)



Cyan (58%)


Magenta (36%)

Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 48.345, 276.941 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, 48.345, 276.941 by changing the saturation by 10% instead.


 67, 48.345,
276.941


 67, 48.345,
276.941


 100, 48.345,
276.941


 57, 48.345,
276.941


 87, 48.345,
276.941

 47, 48.345,
276.941

 97, 48.345,
276.941

 37, 48.345,
276.941

 27, 48.345,
276.941

 17, 48.345,
276.941

 7, 48.345, 276.941

 0, 48.345, 276.941

67, 48.345,
276.941

67, 48.345,
276.941

62, 57.087,
280.233

72, 39.722,
274.077

57, 66.015,
283.918

78, 31.175,
271.622

52, 75.176,
287.889

83, 22.679,
269.535

48, 84.547,
291.941

89, 14.227,
267.767

47, 87.425,
293.104

94, 5.825, 266.289

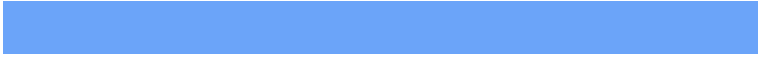
100, 2.325, 99.418

100, 2.902,
109.935

Harmonies

Complementary

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



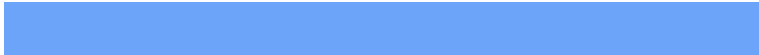
67, 48.345, 276.941



81, 51.348, 77.494

Rectangle

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



67, 48.345, 276.941



67, 48.345, 326.941



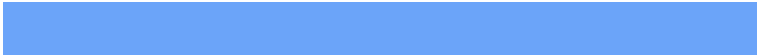
67, 48.345, 96.941



67, 48.345, 146.941

Sweetspot

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



67, 48.344, 276.942



90, 14.525, 267.777



89, 54.653, 161.861



47, 9.721, 268.109



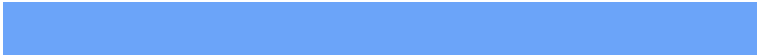
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 48.344, 276.942



63, 59.088, 280.627



53, 81.311, 300.885



49, 4.768, 266.635



36, 69.651, 292.396



9, 27.336, 286.352

Inverse Universe

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



65, 59.749, 356.935



61, 70.412, 359.643



95, 68.998, 108.840



49, 5.894, 350.160



40, 67.626, 11.641



10, 30.488, 4.311

Previews

White Background



This preview shows how the CIELCh color 67, 48.345, 276.941 looks on a white background.

Color Contrast Check

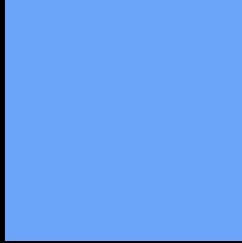
Large Text (above 18pt) WCAG AA × Fail

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, 48.345, 276.941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

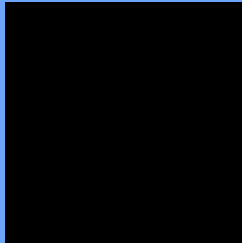
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

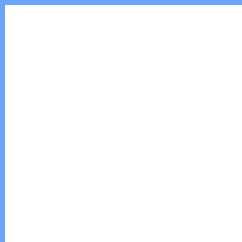
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 48.345, 276.941

Background



This preview shows how black text looks on a background with the CIELCh color 67, 48.345, 276.941.



This preview shows how white text looks on a background with the CIELCh color 67, 48.345, 276.941.

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, 48.345, 276.941

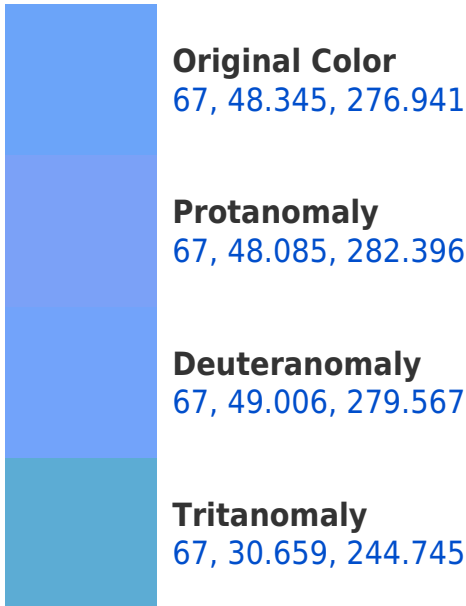
Protanopia
67, 47.772, 285.740

Deuteranopia
67, 49.341, 281.174

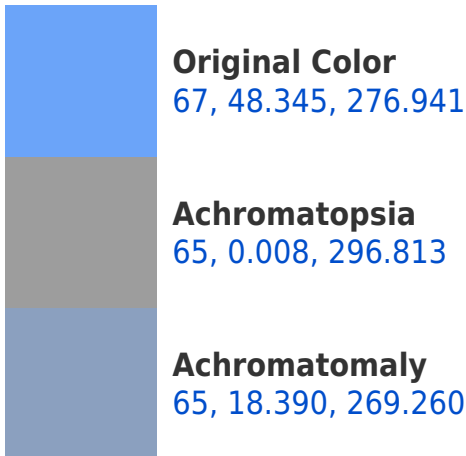


Tritanopia
67, 27.931, 213.610

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 48.345, 276.941 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(107, 164, 249)` looks like.

```
.text, #text, p{  
    color:rgb(107, 164, 249)  
}
```

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(107, 164, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 164, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 48.345, 276.941 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(107, 164, 249) }
```

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

```
.border{ border-color:rgb(107, 164, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 164, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 164, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 164, 249);  
box-shadow:4px 4px 4px 4px rgb(107, 164,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 48.345, 276.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 164, 249) }
```

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

```
.background{ background-color: rgb(107,  
164, 249) }
```

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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