

Converting Colors

CIELCh(67, 41.318, 266.375)

Have a look what the booklet for
CIELCh(67, 41.318, 266.375)
contains.

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Color

CIELCh(67, 41.509, 266.497)

Conversions

Conversions Part 1

Format	Color
Hex	5FA8ED
RGB	95, 168, 237
RGB Percent	37%, 66%, 93%
CMY	0.6267, 0.3405, 0.0699
CMYK	0.60, 0.29, 0.00, 0.07
HSL	209°, 80%, 65%
HSV	209°, 60%, 93%
XYZ	34.0823, 36.6320, 85.5275
YIQ	154.0390, -65.6570, 5.9830

Conversions

Conversions Part 2

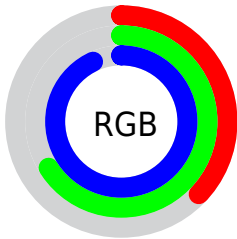
Format	Color
R _Y B	95, 143, 237
Decimal	6269165
CIE Lab	67.00, -2.54, -41.43
CIE LCh	67, 41.509, 266.497
Yxy	36.6320, 0.2181, 0.2345
Android (android.graphics.Color)	4284459245 (0xFF5FA8ED)
YUV	154.0390, 40.8998, -51.7772
Hunter-Lab	60.5244, -5.4011, -41.4161

Details

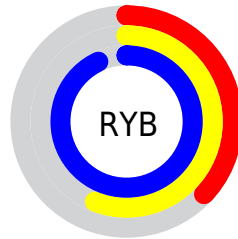
The CIELCh color **67, 41.509, 266.497** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **73, 50.307, 66.471**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 26.034, 238.895**, and **47, 41.763, 266.921** is the 20% darker color. If you saturate the color by 10%, you get **63, 47.932, 270.120**, and if you desaturate by 10%, it is **71, 34.958, 263.392**.

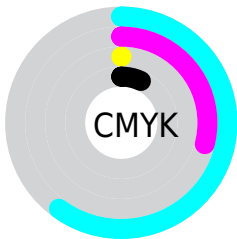
Distribution



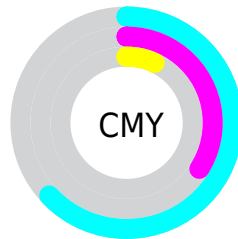
- Red (37%)
- Green (66%)
- Blue (93%)



- Red (37%)
- Yellow (56%)
- Blue (93%)



- Cyan (60%)
- Magenta (29%)
- Yellow (0%)
- Black (7%)



- Cyan (63%)
- Magenta (34%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 41.509, 266.497 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, 41.509, 266.497 by changing the saturation by 10% instead.

■ 67, 41.509,
266.497

■ 67, 41.509,
266.497

■ 100, 41.509,
266.497

■ 57, 41.509,
266.497

■ 87, 41.509,
266.497

■ 47, 41.509,
266.497

■ 97, 41.509,
266.497

■ 37, 41.509,
266.497

■ 27, 41.509,
266.497

■ 17, 41.509,
266.497

■ 7, 41.509, 266.497

■ 0, 41.509, 266.497

67, 41.509,
266.497

67, 41.509,
266.497

63, 47.932,
270.120

71, 34.958,
263.392

59, 54.312,
274.239

76, 28.242,
260.770

55, 60.764,
278.753

80, 21.356,
258.575

52, 67.422,
283.390

85, 14.318,
256.745

52, 67.516,
283.450

89, 7.158, 255.233

94, 0.092, 69.188

98, 6.317, 89.304

100, 9.024,
109.493

Harmonies

Complementary

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



67, 41.509, 266.497



73, 50.307, 66.471

Rectangle

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



67, 41.509, 266.497



67, 41.509, 316.497



67, 41.509, 86.497



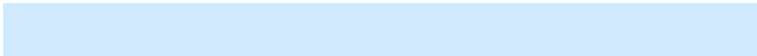
67, 41.509, 136.497

Sweetspot

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



67, 41.508, 266.498



91, 13.778, 256.452



85, 59.936, 155.995



47, 9.554, 256.935



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, 41.508, 266.498



66, 52.265, 271.073



49, 81.166, 299.120



48, 4.160, 255.182



40, 54.844, 282.644



10, 20.860, 274.809

Inverse Universe

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



61, 62.764, 349.823



60, 76.040, 352.365



91, 68.059, 103.810



47, 6.123, 343.651



40, 66.387, 0.661



8, 29.579, 354.497

Previews

White Background



This preview shows how the CIELCh color 67, 41.509, 266.497 looks on a white background.

Color Contrast Check

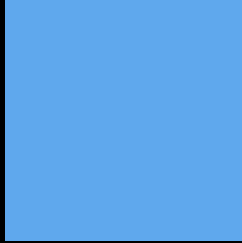
Large Text (above 18pt) WCAG AA × Fail

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, 41.509, 266.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

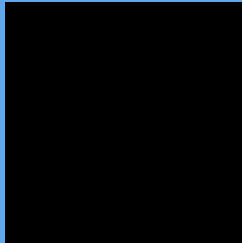
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

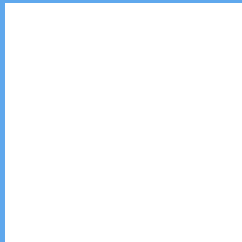
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 41.509, 266.497

Background



This preview shows how black text looks on a background with the CIELCh color 67, 41.509, 266.497.

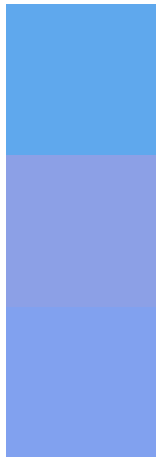


This preview shows how white text looks on a background with the CIELCh color 67, 41.509, 266.497.

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](#).

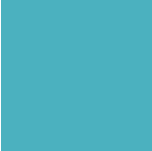
Dichromacy



Original Color
67, 41.509, 266.497

Protanopia
67, 38.914, 285.148

Deuteranopia
67, 43.614, 282.388



Tritanopia
67, 29.829, 212.410

Trichromacy



Original Color
67, 41.509, 266.497

Protanomaly
67, 39.715, 277.635

Deuteranomaly
67, 42.208, 276.207

Tritanomaly
67, 30.767, 235.822

Monochromacy



Original Color
67, 41.509, 266.497

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 16.225, 258.537

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 41.509, 266.497 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(95, 168, 237)` looks like.

```
.text, #text, p{  
    color:rgb(95, 168, 237)  
}
```

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(95, 168, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 168, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 41.509, 266.497 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(95, 168, 237) }
```

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

```
.border{ border-color:rgb(95, 168, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 168, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 168, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 168, 237);  
box-shadow:4px 4px 4px 4px rgb(95, 168,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 41.509, 266.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 168, 237) }
```

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

```
.background{ background-color: rgb(95, 168,  
237) }
```

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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