

Converting Colors

CIELCh(67, 34.460, 275.219)

Have a look what the booklet for
CIELCh(67, 34.460, 275.219)
contains.

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Color

CIELCh(67, 34.354, 275.222)

Conversions

Conversions Part 1

Format	Color
Hex	80A4E0
RGB	128, 164, 224
RGB Percent	50%, 64%, 88%
CMY	0.4971, 0.3560, 0.1206
CMYK	0.43, 0.27, 0.00, 0.12
HSL	218°, 61%, 69%
HSV	218°, 43%, 88%
XYZ	35.7385, 36.6320, 75.8762
YIQ	160.0760, -40.7160, 11.0280

Conversions

Conversions Part 2

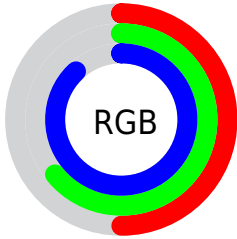
Format	Color
RYB	128, 154, 224
Decimal	8430816
CIELab	67.00, 3.13, -34.21
CIElCh	67, 34.354, 275.222
Yxy	36.6320, 0.2411, 0.2471
Android (android.graphics.Color)	4286620896 (0xFF80A4E0)
YUV	160.0760, 31.5145, -28.1307
Hunter-Lab	60.5244, -0.5167, -31.9617

Details

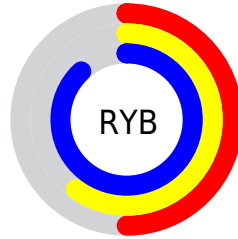
The CIELCh color **67, 34.354, 275.222** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **78, 35.470, 81.948**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 21.586, 260.540**, and **47, 33.829, 274.603** is the 20% darker color. If you saturate the color by 10%, you get **62, 42.615, 277.846**, and if you desaturate by 10%, it is **72, 26.195, 272.975**.

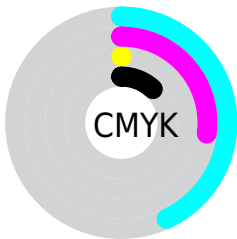
Distribution



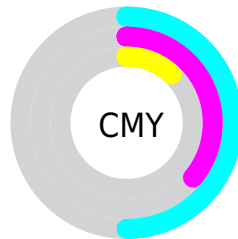
- Red (50%)
- Green (64%)
- Blue (88%)



- Red (50%)
- Yellow (60%)
- Blue (88%)



- Cyan (43%)
- Magenta (27%)
- Yellow (0%)
- Black (12%)



- Cyan (50%)
- Magenta (36%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 34.354, 275.222 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, 34.354, 275.222 by changing the saturation by 10% instead.

■ 67, 34.354,
275.222

■ 67, 34.354,
275.222

■ 100, 34.354,
275.222

■ 57, 34.354,
275.222

■ 87, 34.354,
275.222

■ 47, 34.354,
275.222

■ 97, 34.354,
275.222

■ 37, 34.354,
275.222

■ 27, 34.354,
275.222

■ 17, 34.354,
275.222

■ 7, 34.354, 275.222

■ 0, 34.354, 275.222

67, 34.354,
275.222

67, 34.354,
275.222

62, 42.615,
277.846

72, 26.195,
272.975

57, 51.016,
280.873

77, 18.123,
271.062

52, 59.606,
284.291

83, 10.130,
269.440

48, 68.423,
288.024

88, 2.219, 268.146

44, 77.444,
291.910

93, 5.604, 86.758

41, 83.988,
294.606

98, 12.476, 97.952

99, 15.563,
109.001

Harmonies

Complementary

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



67, 34.354, 275.222



78, 35.470, 81.948

Rectangle

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



67, 34.354, 275.222



67, 34.354, 325.222



67, 34.354, 95.222



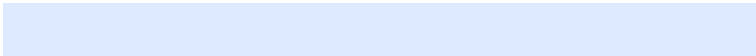
67, 34.354, 145.222

Sweetspot

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



67, 34.353, 275.222



92, 11.409, 269.482



83, 37.938, 165.939



48, 7.992, 269.821



0, 0.000, 0.000



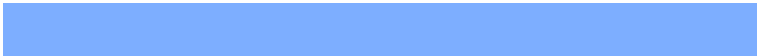
53, 0.007, 296.813

Same Dimension

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



67, 34.353, 275.222



71, 45.635, 277.441



58, 54.637, 299.424



44, 4.485, 268.955



32, 68.875, 293.964



6, 22.877, 284.432

Inverse Universe

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



65, 41.390, 356.050



69, 54.480, 357.584



87, 48.963, 111.393



44, 5.311, 351.804



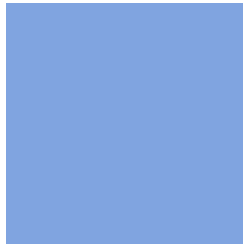
37, 64.519, 13.885



6, 25.574, 3.343

Previews

White Background



This preview shows how the CIELCh color 67, 34.354, 275.222 looks on a white background.

Color Contrast Check

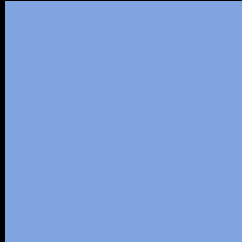
Large Text (above 18pt) WCAG AA × Fail

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, 34.354, 275.222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

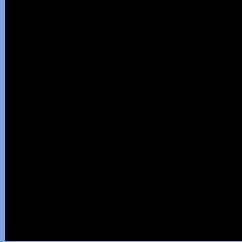
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

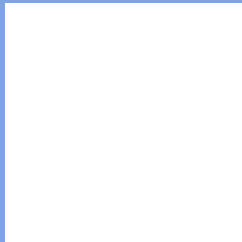
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 34.354, 275.222

Background



This preview shows how black text looks on a background with the CIELCh color 67, 34.354, 275.222.



This preview shows how white text looks on a background with the CIELCh color 67, 34.354, 275.222.

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, 34.354, 275.222

Protanopia

67, 33.888, 285.614

Deuteranopia

67, 35.612, 284.282



Tritanopia
67, 18.940, 220.532

Trichromacy



Original Color
67, 34.354, 275.222

Protanomaly
67, 33.615, 281.325

Deuteranomaly
67, 35.309, 281.228

Tritanomaly
67, 21.841, 248.357

Monochromacy



Original Color
67, 34.354, 275.222

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 12.503, 268.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 34.354, 275.222 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(128, 164, 224)` looks like.

```
.text, #text, p{  
    color:rgb(128, 164, 224)  
}
```

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(128, 164, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 164, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 34.354, 275.222 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(128, 164, 224) }
```

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

```
.border{ border-color:rgb(128, 164, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 164, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 164, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 164, 224);  
box-shadow:4px 4px 4px 4px rgb(128, 164,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 34.354, 275.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 164, 224) }
```

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

```
.background{ background-color: rgb(128,  
164, 224) }
```

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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