

Converting Colors

CIELCh(67, 27.113, 265.325)

Have a look what the booklet for
CIELCh(67, 27.113, 265.325)
contains.

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Color

CIELCh(67, 27.263, 265.565)

Conversions

Conversions Part 1

Format	Color
Hex	7EA6D3
RGB	126, 166, 211
RGB Percent	49%, 65%, 83%
CMY	0.5041, 0.3473, 0.1707
CMYK	0.40, 0.21, 0.00, 0.17
HSL	212°, 49%, 66%
HSV	212°, 40%, 83%
XYZ	34.2057, 36.6320, 67.2044
YIQ	159.1700, -38.2850, 5.5150

Conversions

Conversions Part 2

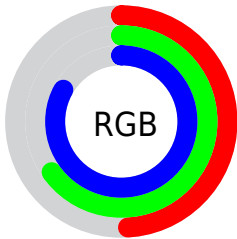
Format	Color
RYB	126, 153, 211
Decimal	8300243
CIELab	67.00, -2.11, -27.18
CIELCh	67, 27.263, 265.565
Yxy	36.6320, 0.2478, 0.2654
Android (android.graphics.Color)	4286490323 (0xFF7EA6D3)
YUV	159.1700, 25.5522, -29.0901
Hunter-Lab	60.5244, -5.0373, -23.4668

Details

The CIELCh color **67, 27.263, 265.565** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **73, 29.926, 73.379**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 21.495, 255.330**, and **47, 27.253, 265.691** is the 20% darker color. If you saturate the color by 10%, you get **63, 33.882, 268.169**, and if you desaturate by 10%, it is **71, 20.568, 263.363**.

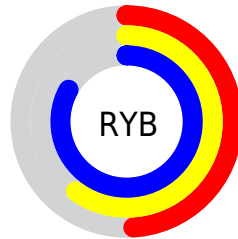
Distribution



Red (49%)

Green (65%)

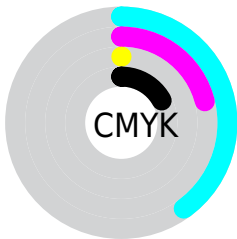
Blue (83%)



Red (49%)

Yellow (60%)

Blue (83%)

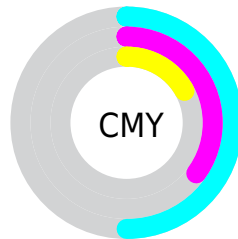


Cyan (40%)

Magenta (21%)

Yellow (0%)

Black (17%)



Cyan (50%)

Magenta (35%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 27.263, 265.565 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, 27.263, 265.565 by changing the saturation by 10% instead.

■ 67, 27.263,
265.565

■ 67, 27.263,
265.565

■ 100, 27.263,
265.565

■ 57, 27.263,
265.565

■ 87, 27.263,
265.565

■ 47, 27.263,
265.565

■ 97, 27.263,
265.565

■ 37, 27.263,
265.565

■ 27, 27.263,
265.565

■ 17, 27.263,
265.565

■ 7, 27.263, 265.565

■ 0, 27.263, 265.565

67, 27.263,
265.565

67, 27.263,
265.565

63, 33.882,
268.169

71, 20.568,
263.363

59, 40.442,
271.224

76, 13.806,
261.511

55, 46.983,
274.751

80, 6.991, 259.963

51, 53.576,
278.717

85, 0.145, 261.052

89, 6.712, 77.383

47, 60.307,
283.012

94, 13.559, 76.430

44, 67.114,
287.260

96, 17.405, 96.285

99, 21.991,
108.512

Harmonies

Complementary

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



67, 27.263, 265.565



73, 29.926, 73.379

Rectangle

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



67, 27.263, 265.565



67, 27.263, 315.565



67, 27.263, 85.565



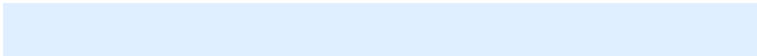
67, 27.263, 135.565

Sweetspot

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



67, 27.262, 265.564



94, 9.569, 260.238



79, 37.073, 160.546



49, 6.345, 260.433



0, 0.000, 0.000



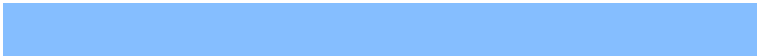
53, 0.007, 296.813

Same Dimension

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



67, 27.262, 265.564



76, 37.742, 267.699



56, 48.591, 296.069



42, 3.854, 259.853



35, 55.701, 286.515



6, 16.849, 274.624

Inverse Universe

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



63, 38.782, 349.439



71, 53.557, 350.644



83, 43.786, 107.081



41, 5.316, 346.034



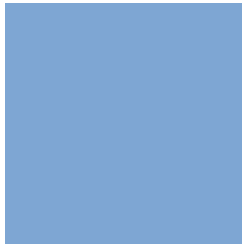
36, 61.895, 4.484



5, 21.532, 355.834

Previews

White Background



This preview shows how the CIELCh color 67, 27.263, 265.565 looks on a white background.

Color Contrast Check

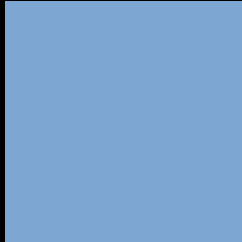
Large Text (above 18pt) WCAG AA × Fail

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, 27.263, 265.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

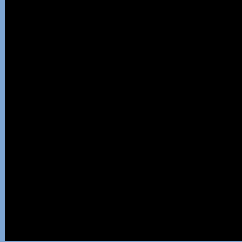
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

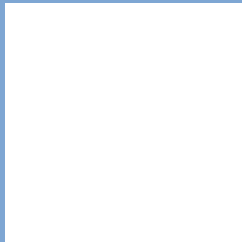
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 27.263, 265.565

Background



This preview shows how black text looks on a background with the CIELCh color 67, 27.263, 265.565.

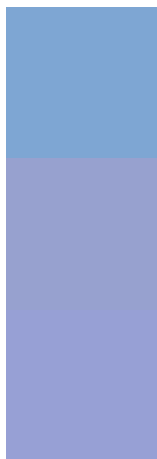


This preview shows how white text looks on a background with the CIELCh color 67, 27.263, 265.565.

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, 27.263, 265.565

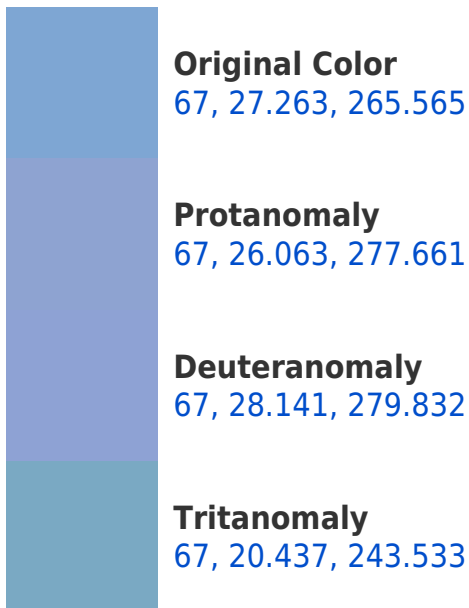
Protanopia
67, 25.548, 285.329

Deuteranopia
67, 29.367, 287.435

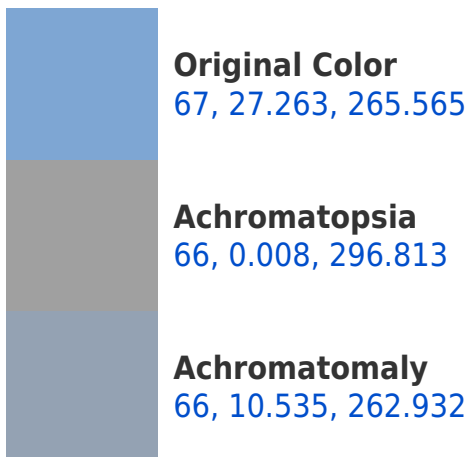


Tritanopia
67, 18.304, 223.357

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 27.263, 265.565 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(126, 166, 211)` looks like.

```
.text, #text, p{  
    color:rgb(126, 166, 211)  
}
```

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(126, 166, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 166, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 27.263, 265.565 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(126, 166, 211) }
```

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

```
.border{ border-color:rgb(126, 166, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 166, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 166, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 166, 211);  
box-shadow:4px 4px 4px 4px rgb(126, 166,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 27.263, 265.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 166, 211) }
```

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

```
.background{ background-color: rgb(126,  
166, 211) }
```

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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