

Converting Colors

CIELCh(67, 28.465, 262.180)

Have a look what the booklet for
CIELCh(67, 28.465, 262.180)
contains.

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Color

CIELCh(67, 28.177, 261.389)

Conversions

Conversions Part 1

Format	Color
Hex	78A8D5
RGB	120, 168, 213
RGB Percent	47%, 66%, 84%
CMY	0.5308, 0.3425, 0.1661
CMYK	0.44, 0.21, 0.00, 0.17
HSL	209°, 52%, 65%
HSV	209°, 44%, 83%
XYZ	33.6003, 36.6320, 68.0104
YIQ	158.7780, -43.0530, 3.8190

Conversions

Conversions Part 2

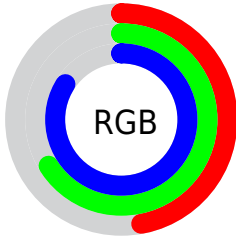
Format	Color
R _Y B	120, 152, 213
Decimal	7907541
CIE Lab	67.00, -4.22, -27.86
CIE LCh	67, 28.177, 261.389
Yxy	36.6320, 0.2431, 0.2650
Android (android.graphics.Color)	4286097621 (0xFF78A8D5)
YUV	158.7780, 26.7314, -34.0083
Hunter-Lab	60.5244, -6.8227, -24.2563

Details

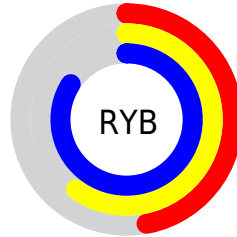
The CIELCh color **67, 28.177, 261.389** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **71, 32.392, 68.301**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 21.936, 248.946**, and **47, 28.132, 261.512** is the 20% darker color. If you saturate the color by 10%, you get **63, 34.239, 264.158**, and if you desaturate by 10%, it is **71, 21.953, 259.063**.

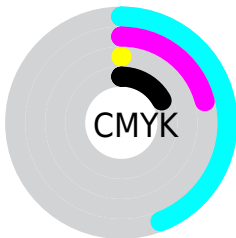
Distribution



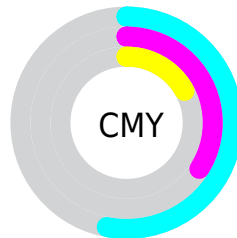
- Red (47%)
- Green (66%)
- Blue (84%)



- Red (47%)
- Yellow (60%)
- Blue (84%)



- Cyan (44%)
- Magenta (21%)
- Yellow (0%)
- Black (17%)



- Cyan (53%)
- Magenta (34%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 28.177, 261.389 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, 28.177, 261.389 by changing the saturation by 10% instead.

 67, 28.177,
261.389


 67, 28.177,
261.389

 100, 28.177,
261.389

 57, 28.177,
261.389


 87, 28.177,
261.389

 47, 28.177,
261.389

 97, 28.177,
261.389

 37, 28.177,
261.389

 27, 28.177,
261.389

 17, 28.177,
261.389

 7, 28.177, 261.389

 0, 28.177, 261.389

67, 28.177,
261.389

67, 28.177,
261.389

63, 34.239,
264.158

71, 21.953,
259.063

59, 40.155,
267.422

75, 15.579,
257.120

56, 45.971,
271.200

79, 9.081, 255.505

52, 51.776,
275.447

84, 2.486, 254.248

88, 4.174, 72.831

49, 57.680,
280.033

92, 10.873, 71.901

47, 61.498,
282.889

95, 14.948, 86.600

98, 19.011,
103.050

99, 21.403,
108.557

Harmonies

Complementary

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



67, 28.177, 261.389



71, 32.392, 68.301

Rectangle

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



67, 28.177, 261.389



67, 28.177, 311.389



67, 28.177, 81.389



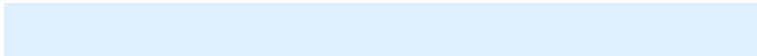
67, 28.177, 131.389

Sweetspot

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



67, 28.176, 261.388



94, 9.967, 255.418



79, 41.429, 158.374



49, 6.964, 255.748



0, 0.000, 0.000



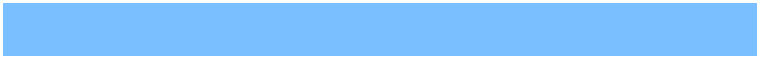
53, 0.007, 296.813

Same Dimension

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



67, 28.176, 261.388



75, 38.450, 263.803



55, 52.533, 295.639



43, 3.787, 254.905



38, 51.482, 282.134



7, 16.792, 271.282

Inverse Universe

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



62, 43.354, 347.160



69, 59.006, 348.407



83, 46.933, 105.253



42, 5.591, 343.515



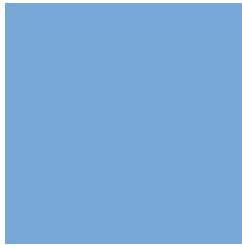
37, 63.003, 0.201



5, 23.700, 353.163

Previews

White Background



This preview shows how the CIELCh color 67, 28.177, 261.389 looks on a white background.

Color Contrast Check

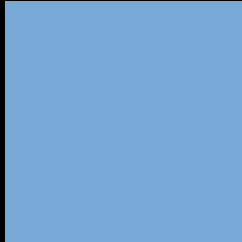
Large Text (above 18pt) WCAG AA × Fail

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, 28.177, 261.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

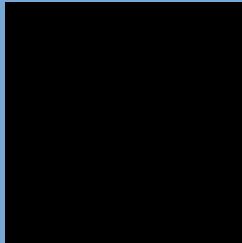
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

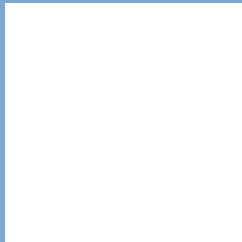
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 28.177, 261.389

Background



This preview shows how black text looks on a background with the CIELCh color 67, 28.177, 261.389.



This preview shows how white text looks on a background with the CIELCh color 67, 28.177, 261.389.

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, 28.177, 261.389

Protanopia

67, 26.127, 284.858

Deuteranopia

67, 29.937, 287.006



Tritanopia
67, 20.625, 220.181

Trichromacy



Original Color
67, 28.177, 261.389

Protanomaly
67, 26.802, 276.152

Deuteranomaly
67, 28.890, 277.788

Tritanomaly
67, 22.058, 239.317

Monochromacy



Original Color
67, 28.177, 261.389

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 10.775, 254.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 28.177, 261.389 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(120, 168, 213)` looks like.

```
.text, #text, p{  
    color:rgb(120, 168, 213)  
}
```

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(120, 168, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 168, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 28.177, 261.389 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(120, 168, 213) }
```

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

```
.border{ border-color:rgb(120, 168, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 168, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 168, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 168, 213);  
box-shadow:4px 4px 4px 4px rgb(120, 168,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 28.177, 261.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 168, 213) }
```

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

```
.background{ background-color: rgb(120,  
168, 213) }
```

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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