

Converting Colors

CIELCh(62, 27.070, 263.266)

Have a look what the booklet for
CIELCh(62, 27.070, 263.266)
contains.

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Color

CIELCh(62, 26.937, 263.164)

Conversions

Conversions Part 1

Format	Color
Hex	6F9AC5
RGB	111, 154, 197
RGB Percent	44%, 60%, 77%
CMY	0.5658, 0.3971, 0.2286
CMYK	0.44, 0.22, 0.00, 0.23
HSL	210°, 42%, 60%
HSV	210°, 44%, 77%
XYZ	28.0778, 30.4025, 57.0419
YIQ	146.0450, -39.4310, 4.2570

Conversions

Conversions Part 2

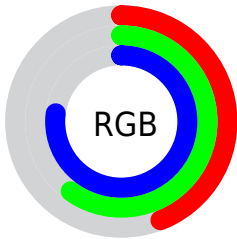
Format	Color
R _Y B	111, 140, 197
Decimal	7314117
CIE Lab	62.00, -3.21, -26.75
CIE LCh	62, 26.937, 263.164
Yxy	30.4025, 0.2431, 0.2632
Android (android.graphics.Color)	4285504197 (0xFF6F9AC5)
YUV	146.0450, 25.1208, -30.7345
Hunter-Lab	55.1385, -5.5959, -22.7397

Details

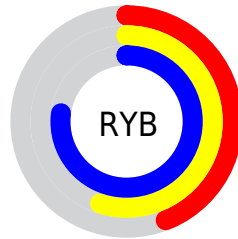
The CIELCh color `62, 26.937, 263.164` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `67, 30.533, 69.971`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 27.116, 263.651`, and `42, 26.921, 263.411` is the 20% darker color. If you saturate the color by 10%, you get `58, 32.811, 265.909`, and if you desaturate by 10%, it is `66, 20.940, 260.849`.

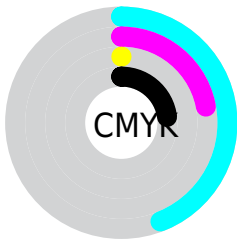
Distribution



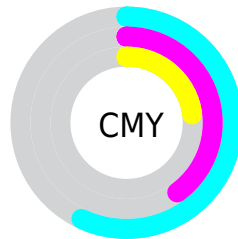
- Red (44%)
- Green (60%)
- Blue (77%)



- Red (44%)
- Yellow (55%)
- Blue (77%)



- Cyan (44%)
- Magenta (22%)
- Yellow (0%)
- Black (23%)





- Cyan (57%)
- Magenta (40%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 26.937, 263.164 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 62, 26.937, 263.164 by changing the saturation by 10% instead.


 62, 26.937,
263.164


 62, 26.937,
263.164


 100, 26.937,
263.164


 52, 26.937,
263.164


 82, 26.937,
263.164

 42, 26.937,
263.164

 92, 26.937,
263.164

 32, 26.937,
263.164

 22, 26.937,
263.164

 12, 26.937,
263.164

 2, 26.937, 263.164

 0, 26.937, 263.164

62, 26.937,
263.164

62, 26.937,
263.164

58, 32.811,
265.909

66, 20.940,
260.849

54, 38.581,
269.132

70, 14.830,
258.907

51, 44.290,
272.848

74, 8.625, 257.286

48, 50.018,
277.011

78, 2.350, 256.015

82, 3.972, 74.595

44, 55.859,
281.491

86, 10.316, 73.648

42, 59.647,
284.269

90, 16.663, 72.798

93, 20.292, 83.528

96, 23.698, 96.515

Harmonies

Complementary

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



62, 26.937, 263.164



67, 30.533, 69.971

Rectangle

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



62, 26.937, 263.164



62, 26.937, 313.164



62, 26.937, 83.164



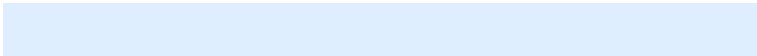
62, 26.937, 133.164

Sweetspot

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



62, 26.936, 263.163



94, 10.098, 257.211



73, 38.886, 158.404



49, 7.057, 257.545



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 26.936, 263.163



75, 39.246, 265.640



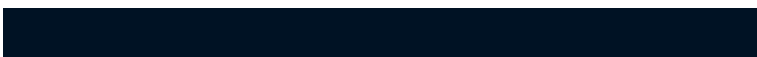
51, 49.267, 295.594



40, 3.607, 256.679



35, 51.229, 283.600



5, 14.017, 270.298

Inverse Universe

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



58, 40.326, 348.087



69, 58.519, 349.407



77, 44.050, 105.275



39, 5.202, 344.377



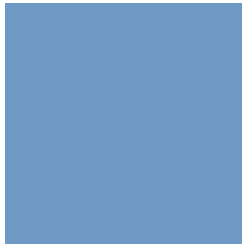
35, 60.738, 1.549



4, 17.858, 352.975

Previews

White Background



This preview shows how the CIE LCh color 62, 26.937, 263.164 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 62, 26.937, 263.164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

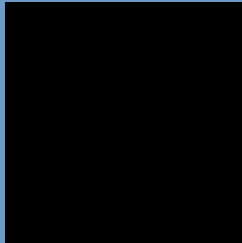
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

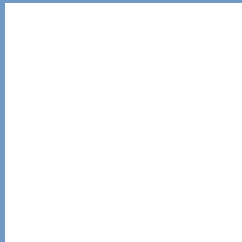
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 26.937, 263.164

Background



This preview shows how black text looks on a background with the CIELCh color 62, 26.937, 263.164.

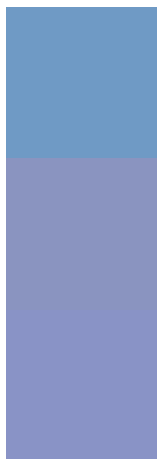


This preview shows how white text looks on a background with the CIELCh color 62, 26.937, 263.164.

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

62, 26.937, 263.164

Protanopia

62, 24.827, 285.122

Deuteranopia

62, 28.727, 286.735



Tritanopia
62, 18.998, 220.772

Trichromacy



Original Color
62, 26.937, 263.164

Protanomaly
62, 25.436, 276.523

Deuteranomaly
62, 28.125, 278.666

Tritanomaly
62, 20.529, 239.708

Monochromacy



Original Color
62, 26.937, 263.164

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 10.086, 256.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 26.937, 263.164 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(111, 154, 197)` looks like.

```
.text, #text, p{  
    color:rgb(111, 154, 197)  
}
```

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(111, 154, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 154, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 26.937, 263.164 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(111, 154, 197) }
```

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

```
.border{ border-color:rgb(111, 154, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 154, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 154, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 154, 197);  
box-shadow:4px 4px 4px 4px rgb(111, 154,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 26.937, 263.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 154, 197) }
```

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

```
.background{ background-color: rgb(111,  
154, 197) }
```

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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