

Converting Colors

CIELCh(62, 28.332, 262.607)

Have a look what the booklet for
CIELCh(62, 28.332, 262.607)
contains.

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Color

CIELCh(62, 28.332, 262.607)

Conversions

Conversions Part 1

Format	Color
Hex	6B9AC7
RGB	107, 154, 199
RGB Percent	42%, 60%, 78%
CMY	0.5800, 0.3957, 0.2192
CMYK	0.46, 0.23, 0.00, 0.22
HSL	209°, 45%, 60%
HSV	209°, 46%, 78%
XYZ	27.9668, 30.4025, 58.4878
YIQ	145.0770, -42.4570, 4.0310

Conversions

Conversions Part 2

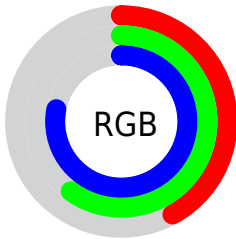
Format	Color
R_{YB}	107, 138, 199
Decimal	7051975
CIE _{Lab}	62.00, -3.65, -28.10
CIE _{LCh}	62, 28.332, 262.607
Yxy	30.4025, 0.2393, 0.2602
Android (android.graphics.Color)	4285242055 (0xFF6B9AC7)
YUV	145.0770, 26.5840, -33.3935
Hunter-Lab	55.1385, -5.9552, -24.2945

Details

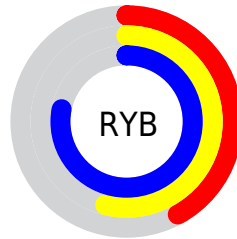
The CIELCh color `62, 28.332, 262.607` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `66, 32.674, 68.573`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 28.062, 262.184`, and `42, 28.443, 262.711` is the 20% darker color. If you saturate the color by 10%, you get `58, 34.108, 265.473`, and if you desaturate by 10%, it is `66, 22.413, 260.191`.

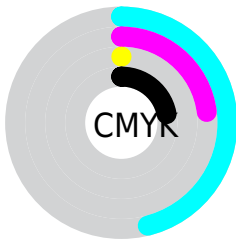
Distribution



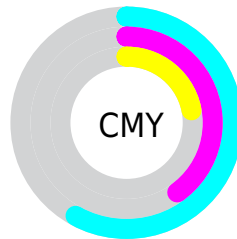
- Red (42%)
- Green (60%)
- Blue (78%)



- Red (42%)
- Yellow (54%)
- Blue (78%)



- Cyan (46%)
- Magenta (23%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 28.332, 262.607 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, 28.332, 262.607 by changing the saturation by 10% instead.

■ 62, 28.332,
262.607

■ 62, 28.332,
262.607

■ 100, 28.332,
262.607

■ 52, 28.332,
262.607

■ 82, 28.332,
262.607

■ 42, 28.332,
262.607

■ 92, 28.332,
262.607

■ 32, 28.332,
262.607

■ 22, 28.332,
262.607

■ 12, 28.332,
262.607

■ 2, 28.332, 262.607

■ 0, 28.332, 262.607

62, 28.332,
262.607

62, 28.332,
262.607

58, 34.108,
265.473

66, 22.413,
260.191

55, 39.765,
268.833

70, 16.359,
258.167

51, 45.355,
272.694

74, 10.189,
256.479

48, 50.966,
276.993

78, 3.927, 255.105

45, 56.703,
281.570

82, 2.398, 73.642

44, 58.949,
283.239

86, 8.761, 72.724

90, 15.139, 71.858

93, 19.074, 81.509

95, 22.324, 95.445

Harmonies

Complementary

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



62, 28.332, 262.607



66, 32.674, 68.573

Rectangle

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



62, 28.332, 262.607



62, 28.332, 312.607



62, 28.332, 82.607



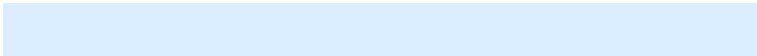
62, 28.332, 132.607

Sweetspot

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



62, 28.331, 262.606



93, 10.773, 256.177



74, 41.345, 158.074



49, 7.427, 256.508



0, 0.000, 0.000



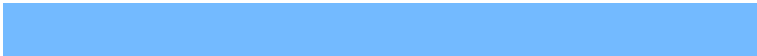
53, 0.007, 296.813

Same Dimension

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



62, 28.331, 262.606



74, 40.818, 265.348



50, 52.871, 296.084



40, 3.577, 255.502



36, 50.146, 282.521



5, 13.845, 269.355

Inverse Universe

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



57, 43.193, 347.791



67, 61.834, 349.224



78, 46.864, 105.042



39, 5.240, 343.799



35, 60.860, 0.549



4, 17.965, 352.322

Previews

White Background



This preview shows how the CIELCh color 62, 28.332, 262.607 looks on a white background.

Color Contrast Check

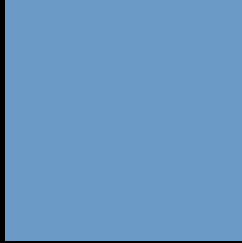
Large Text (above 18pt) WCAG AA × Fail

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 62, 28.332, 262.607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

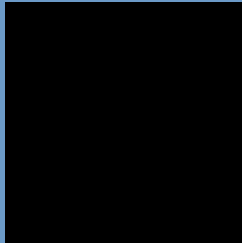
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 28.332, 262.607

Background



This preview shows how black text looks on a background with the CIELCh color 62, 28.332, 262.607.

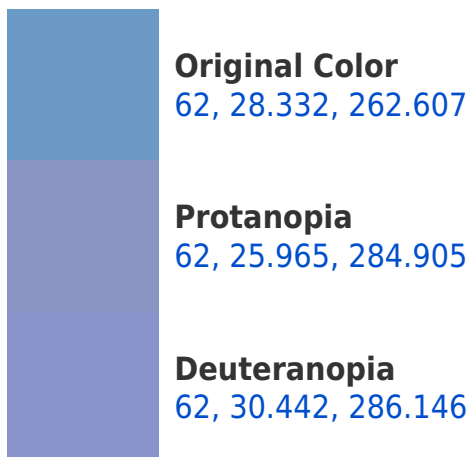



This preview shows how white text looks on a background with the CIELCh color 62, 28.332, 262.607.

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





Tritanopia
62, 20.525, 218.862

Trichromacy



Original Color
62, 28.332, 262.607

Protanomaly
62, 26.642, 276.138

Deuteranomaly
62, 28.825, 277.267

Tritanomaly
62, 21.845, 238.553

Monochromacy



Original Color
62, 28.332, 262.607

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 11.192, 258.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 28.332, 262.607 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(107, 154, 199)` looks like.

```
.text, #text, p{  
    color:rgb(107, 154, 199)  
}
```

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(107, 154, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 154, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 28.332, 262.607 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(107, 154, 199) }
```

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

```
.border{ border-color:rgb(107, 154, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 154, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 154, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 154, 199);  
box-shadow:4px 4px 4px 4px rgb(107, 154,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 28.332, 262.607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 154, 199) }
```

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

```
.background{ background-color: rgb(107,  
154, 199) }
```

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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