

Converting Colors

CIELCh(62, 22.527, 262.543)

Have a look what the booklet for
CIELCh(62, 22.527, 262.543)
contains.

CIELCh(62, 22.567, 263.135)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 22.567, 263.135)

Conversions

Conversions Part 1

Format	Color
Hex	7799BD
RGB	119, 153, 189
RGB Percent	47%, 60%, 74%
CMY	0.5331, 0.3998, 0.2586
CMYK	0.37, 0.19, 0.00, 0.26
HSL	211°, 35%, 60%
HSV	211°, 37%, 74%
XYZ	28.2067, 30.4025, 52.5580
YIQ	146.9380, -31.8200, 3.9880

Conversions

Conversions Part 2

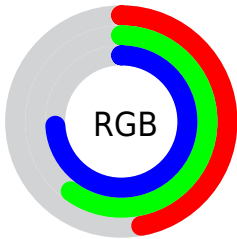
Format	Color
R_{YB}	119, 142, 189
Decimal	7838141
CIE _{Lab}	62.00, -2.70, -22.41
CIE _{LCh}	62, 22.567, 263.135
Yxy	30.4025, 0.2537, 0.2735
Android (android.graphics.Color)	4286028221 (0xFF7799BD)
YUV	146.9380, 20.7366, -24.5016
Hunter-Lab	55.1385, -5.1786, -17.9183

Details

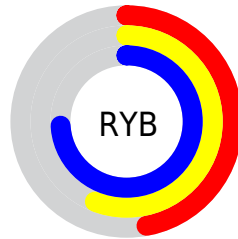
The CIELCh color **62, 22.567, 263.135** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **66, 24.803, 72.298**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 22.516, 263.061**, and **42, 22.823, 263.831** is the 20% darker color. If you saturate the color by 10%, you get **58, 28.477, 265.576**, and if you desaturate by 10%, it is **66, 16.564, 261.076**.

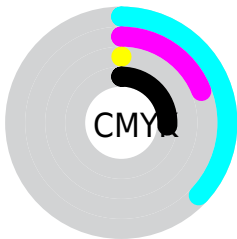
Distribution



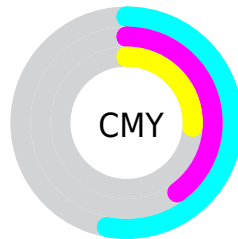
- Red (47%)
- Green (60%)
- Blue (74%)



- Red (47%)
- Yellow (56%)
- Blue (74%)



- Cyan (37%)
- Magenta (19%)
- Yellow (0%)
- Black (26%)





- Cyan (53%)
- Magenta (40%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 22.567, 263.135 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, 22.567, 263.135 by changing the saturation by 10% instead.


 62, 22.567,
263.135


 62, 22.567,
263.135


 100, 22.567,
263.135


 52, 22.567,
263.135


 82, 22.567,
263.135

 42, 22.567,
263.135

 92, 22.567,
263.135

 32, 22.567,
263.135

 22, 22.567,
263.135

 12, 22.567,
263.135

 2, 22.567, 263.135

 0, 22.567, 263.135

62, 22.567,
263.135

62, 22.567,
263.135

58, 28.477,
265.576

66, 16.564,
261.076

54, 34.299,
268.455

70, 10.484,
259.349

51, 40.057,
271.809

74, 4.345, 257.925

47, 45.807,
275.630

78, 1.833, 76.412

82, 8.027, 75.488

44, 51.628,
279.847

86, 14.219, 74.588

41, 57.606,
284.274

90, 20.394, 73.799

93, 23.462, 85.007

40, 59.436,
285.520

95, 26.842, 96.154

Harmonies

Complementary

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



62, 22.567, 263.135



66, 24.803, 72.298

Rectangle

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



62, 22.567, 263.135



62, 22.567, 313.135



62, 22.567, 83.135



62, 22.567, 133.135

Sweetspot

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



62, 22.566, 263.134



91, 8.375, 258.477



71, 31.743, 160.092



48, 5.622, 258.670



98, 0.011, 296.813



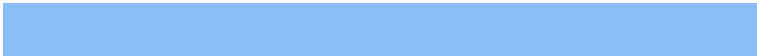
51, 0.007, 296.813

Same Dimension

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



62, 22.566, 263.134



75, 32.917, 264.971



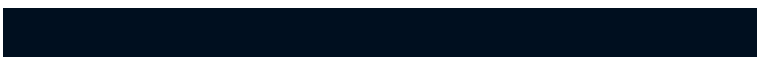
53, 40.556, 294.978



38, 3.495, 258.226



33, 51.364, 284.870



4, 11.718, 269.577

Inverse Universe

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



58, 32.910, 348.069



70, 48.071, 349.079



75, 36.950, 106.641



37, 4.933, 345.165



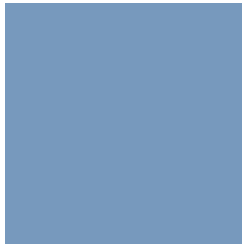
34, 59.217, 2.785



3, 13.840, 352.446

Previews

White Background



This preview shows how the CIE LCh color 62, 22.567, 263.135 looks on a white background.

Color Contrast Check

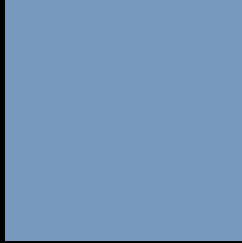
Large Text (above 18pt) WCAG AA × Fail

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, 22.567, 263.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

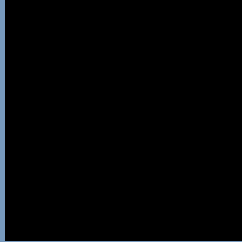
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

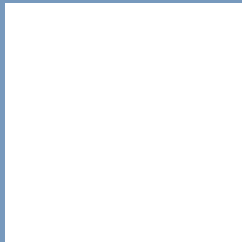
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 22.567, 263.135

Background



This preview shows how black text looks on a background with the CIELCh color 62, 22.567, 263.135.



This preview shows how white text looks on a background with the CIELCh color 62, 22.567, 263.135.

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, 22.567, 263.135

Protanopia
62, 20.887, 284.901

Deuteranopia
62, 24.172, 288.776



Tritanopia
62, 15.905, 223.478

Trichromacy



Original Color
62, 22.567, 263.135

Protanomaly
62, 20.890, 275.529

Deuteranomaly
62, 23.388, 280.331

Tritanomaly
62, 17.124, 239.721

Monochromacy



Original Color
62, 22.567, 263.135

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 8.428, 259.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 22.567, 263.135 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(119, 153, 189)` looks like.

```
.text, #text, p{  
    color:rgb(119, 153, 189)  
}
```

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(119, 153, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 153, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 22.567, 263.135 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(119, 153, 189) }
```

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

```
.border{ border-color:rgb(119, 153, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 153, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 153, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 153, 189);  
box-shadow:4px 4px 4px 4px rgb(119, 153,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 22.567, 263.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 153, 189) }
```

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

```
.background{ background-color: rgb(119,  
153, 189) }
```

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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