

Converting Colors

CIELCh(62, 21.932, 261.517)

Have a look what the booklet for
CIELCh(62, 21.932, 261.517)
contains.

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Color

CIELCh(62, 22.099, 262.290)

Conversions

Conversions Part 1

Format	Color
Hex	7799BC
RGB	119, 153, 188
RGB Percent	47%, 60%, 74%
CMY	0.5327, 0.3994, 0.2621
CMYK	0.37, 0.19, 0.00, 0.26
HSL	210°, 34%, 60%
HSV	210°, 37%, 74%
XYZ	28.1390, 30.4025, 52.0511
YIQ	146.8240, -31.4990, 3.6770

Conversions

Conversions Part 2

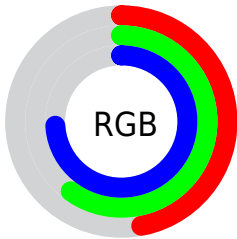
Format	Color
R_{YB}	119, 142, 188
Decimal	7838140
CIE _{Lab}	62.00, -2.96, -21.90
CIE _{LCh}	62, 22.099, 262.290
Yxy	30.4025, 0.2544, 0.2749
Android (android.graphics.Color)	4286028220 (0xFF7799BC)
YUV	146.8240, 20.2998, -24.4016
Hunter-Lab	55.1385, -5.3980, -17.3732

Details

The CIELCh color **62, 22.099, 262.290** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **66, 24.375, 71.633**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 22.068, 262.297**, and **42, 22.330, 262.871** is the 20% darker color. If you saturate the color by 10%, you get **58, 27.920, 264.714**, and if you desaturate by 10%, it is **66, 16.175, 260.248**.

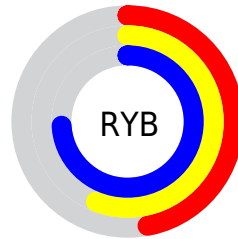
Distribution



Red (47%)

Green (60%)

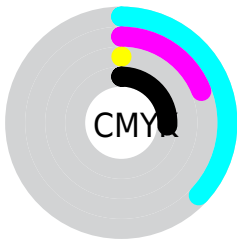
Blue (74%)



Red (47%)

Yellow (56%)

Blue (74%)

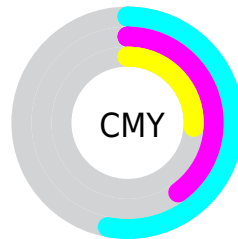


Cyan (37%)

Magenta (19%)

Yellow (0%)

Black (26%)



Cyan (53%)

Magenta (40%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 22.099, 262.290 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, 22.099, 262.290 by changing the saturation by 10% instead.

■ 62, 22.099,
262.290

■ 62, 22.099,
262.290

■ 100, 22.099,
262.290

■ 52, 22.099,
262.290

■ 82, 22.099,
262.290

■ 42, 22.099,
262.290

■ 92, 22.099,
262.290

■ 32, 22.099,
262.290

■ 22, 22.099,
262.290

■ 12, 22.099,
262.290

■ 2, 22.099, 262.290

■ 0, 22.099, 262.290

62, 22.099,
262.290

62, 22.099,
262.290

58, 27.920,
264.714

66, 16.175,
260.248

55, 33.641,
267.579

70, 10.164,
258.537

51, 39.283,
270.921

74, 4.087, 257.133

48, 44.901,
274.741

78, 2.033, 75.643

82, 8.176, 74.716

44, 50.574,
278.968

86, 14.321, 73.827

41, 56.391,
283.430

90, 20.453, 73.048

92, 23.505, 83.652

40, 58.387,
284.841

95, 26.705, 94.809

Harmonies

Complementary

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



62, 22.099, 262.290



66, 24.375, 71.633

Rectangle

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



62, 22.099, 262.290



62, 22.099, 312.290



62, 22.099, 82.290



62, 22.099, 132.290

Sweetspot

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



62, 22.098, 262.288



91, 8.326, 257.725



71, 31.331, 160.136



48, 5.589, 257.916



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, 22.098, 262.288



75, 32.643, 264.207



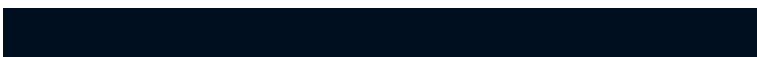
53, 39.981, 294.915



38, 3.475, 257.475



34, 50.659, 284.201



4, 11.637, 269.024

Inverse Universe

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



58, 32.600, 347.610



70, 48.250, 348.652



75, 36.468, 106.675



37, 4.956, 344.778



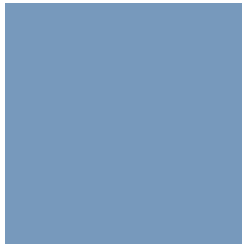
34, 59.276, 2.126



3, 13.893, 352.036

Previews

White Background



This preview shows how the CIELCh color 62, 22.099, 262.290 looks on a white background.

Color Contrast Check

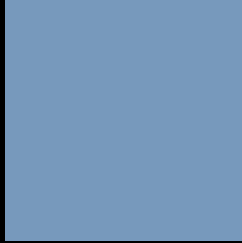
Large Text (above 18pt) WCAG AA × Fail

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, 22.099, 262.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

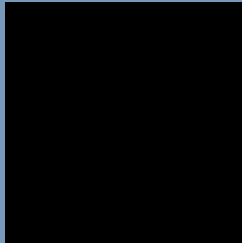
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

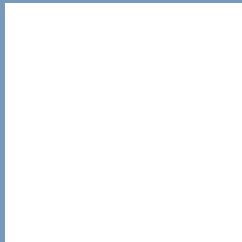
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 22.099, 262.290

Background



This preview shows how black text looks on a background with the CIELCh color 62, 22.099, 262.290.



This preview shows how white text looks on a background with the CIELCh color 62, 22.099, 262.290.

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, 15.823, 225.967

Trichromacy



Original Color
62, 22.099, 262.290

Protanomaly
62, 20.810, 276.391

Deuteranomaly
62, 22.846, 279.935

Tritanomaly
62, 17.233, 242.023

Monochromacy



Original Color
62, 22.099, 262.290

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, 22.099, 262.290 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(119, 153, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 153, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 22.099, 262.290 is called "border". The border property can be set on classes, ids or directly on the HTML element.

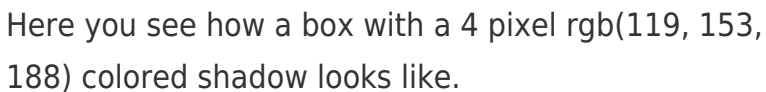
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 153, 188) }
```

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

```
.border{ border-color:rgb(119, 153, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 153, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 153, 188); box-shadow:4px 4px 4px 4px rgb(119, 153, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 22.099, 262.290 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, 188) }
```

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

```
.background{ background-color: rgb(119,  
153, 188) }
```

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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