

Converting Colors

CIELCh(62, 22.931, 255.513)

Have a look what the booklet for
CIELCh(62, 22.931, 255.513)
contains.

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Color

CIELCh(62, 22.931, 255.513)

Conversions

Conversions Part 1

Format	Color
Hex	709BBD
RGB	112, 155, 189
RGB Percent	44%, 61%, 74%
CMY	0.5622, 0.3936, 0.2603
CMYK	0.41, 0.18, 0.00, 0.26
HSL	206°, 37%, 59%
HSV	206°, 41%, 74%
XYZ	27.4427, 30.4025, 52.3540
YIQ	146.0190, -36.5420, 1.4580

Conversions

Conversions Part 2

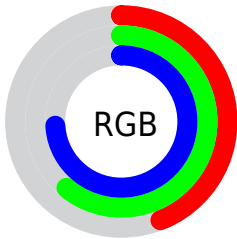
Format	Color
RYB	112, 140, 189
Decimal	7379901
CIELab	62.00, -5.74, -22.20
CIElCh	62, 22.931, 255.513
Yxy	30.4025, 0.2490, 0.2759
Android (android.graphics.Color)	4285569981 (0xFF709BBD)
YUV	146.0190, 21.1896, -29.8347
Hunter-Lab	55.1385, -7.6521, -17.6989

Details

The CIELCh color $62, 22.931, 255.513$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $64, 26.915, 64.286$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 22.957, 255.513$, and $42, 23.093, 255.957$ is the 20% darker color. If you saturate the color by 10%, you get $59, 28.074, 258.065$, and if you desaturate by 10%, it is $65, 17.571, 253.390$.

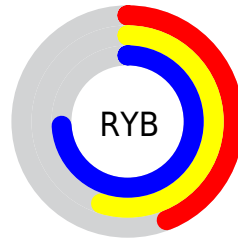
Distribution



Red (44%)

Green (61%)

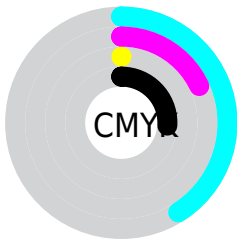
Blue (74%)



Red (44%)

Yellow (55%)

Blue (74%)

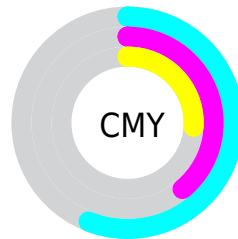


Cyan (41%)

Magenta (18%)

Yellow (0%)

Black (26%)



Cyan (56%)


Magenta (39%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 22.931, 255.513 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, 22.931, 255.513 by changing the saturation by 10% instead.


 62, 22.931,
255.513


 62, 22.931,
255.513


 100, 22.931,
255.513


 52, 22.931,
255.513


 82, 22.931,
255.513

 42, 22.931,
255.513

 92, 22.931,
255.513

 32, 22.931,
255.513

 22, 22.931,
255.513

 12, 22.931,
255.513

 2, 22.931, 255.513

 0, 22.931, 255.513

62, 22.931,
255.513

62, 22.931,
255.513

59, 28.074,
258.065

65, 17.571,
253.390

55, 32.997,
261.114

69, 12.021,
251.635

52, 37.722,
264.705

73, 6.314, 250.197

49, 42.314,
268.836

76, 0.485, 249.723

80, 5.433, 67.804

46, 46.876,
273.426

83, 11.411, 66.970

44, 51.177,
277.766

87, 17.423, 66.238

90, 21.462, 71.268

92, 23.303, 83.527

Harmonies

Complementary

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



62, 22.931, 255.513



64, 26.915, 64.286

Rectangle

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



62, 22.931, 255.513



62, 22.931, 305.513



62, 22.931, 75.513



62, 22.931, 125.513

Sweetspot

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



62, 22.930, 255.512



91, 8.646, 250.377



71, 36.712, 156.360



48, 5.725, 250.552



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, 22.930, 255.512



75, 33.516, 257.782



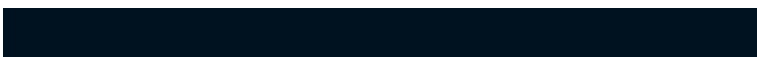
52, 41.763, 293.065



38, 3.315, 250.013



37, 44.377, 277.060



5, 10.895, 263.124

Inverse Universe

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



57, 37.720, 344.359



68, 55.371, 345.458



74, 38.127, 103.195



37, 5.183, 341.313



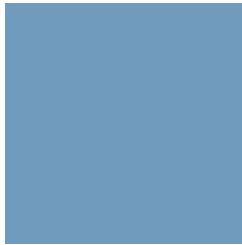
34, 60.266, 356.088



3, 14.451, 348.139

Previews

White Background



This preview shows how the CIELCh color 62, 22.931, 255.513 looks on a white background.

Color Contrast Check

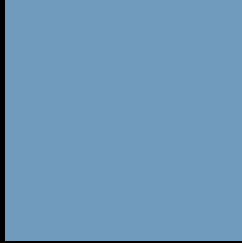
Large Text (above 18pt) WCAG AA × Fail

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, 22.931, 255.513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

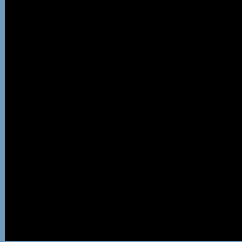
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

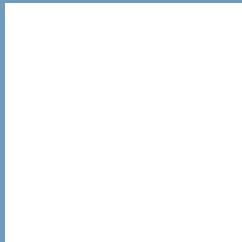
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 22.931, 255.513

Background



This preview shows how black text looks on a background with the CIELCh color 62, 22.931, 255.513.



This preview shows how white text looks on a background with the CIELCh color 62, 22.931, 255.513.

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, 22.931, 255.513

Protanopia

62, 20.299, 285.560

Deuteranopia

62, 24.172, 288.776



Tritanopia
62, 18.073, 220.101

Trichromacy



Original Color
62, 22.931, 255.513

Protanomaly
62, 21.062, 273.837

Deuteranomaly
62, 23.091, 276.786

Tritanomaly
62, 18.945, 234.895

Monochromacy



Original Color
62, 22.931, 255.513

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 9.001, 253.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 22.931, 255.513 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(112, 155, 189)` looks like.

```
.text, #text, p{  
    color:rgb(112, 155, 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(112, 155, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 155, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 22.931, 255.513 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(112, 155, 189) }
```

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

```
.border{ border-color:rgb(112, 155, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 155, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 155, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 155, 189);  
box-shadow:4px 4px 4px 4px rgb(112, 155,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 22.931, 255.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 155, 189) }
```

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

```
.background{ background-color: rgb(112,  
155, 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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