

Converting Colors

CIELCh(62, 21.035, 261.215)

Have a look what the booklet for
CIELCh(62, 21.035, 261.215)
contains.

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Color

CIELCh(62, 21.035, 261.215)

Conversions

Conversions Part 1

Format	Color
Hex	7899BA
RGB	120, 153, 186
RGB Percent	47%, 60%, 73%
CMY	0.5287, 0.3993, 0.2698
CMYK	0.35, 0.18, 0.00, 0.27
HSL	210°, 32%, 60%
HSV	210°, 35%, 73%
XYZ	28.0762, 30.4025, 50.9496
YIQ	146.8950, -30.2610, 3.2670

Conversions

Conversions Part 2

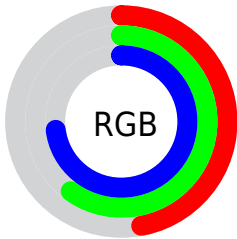
Format	Color
R _Y B	120, 142, 186
Decimal	7903674
CIE Lab	62.00, -3.21, -20.79
CIE LCh	62, 21.035, 261.215
Yxy	30.4025, 0.2566, 0.2778
Android (android.graphics.Color)	4286093754 (0xFF7899BA)
YUV	146.8950, 19.2788, -23.5869
Hunter-Lab	55.1385, -5.6011, -16.1888

Details

The CIELCh color `62, 21.035, 261.215` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `65, 23.221, 71.048`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 21.039, 261.408`, and `42, 21.229, 261.484` is the 20% darker color. If you saturate the color by 10%, you get `58, 26.751, 263.583`, and if you desaturate by 10%, it is `66, 15.207, 259.222`.

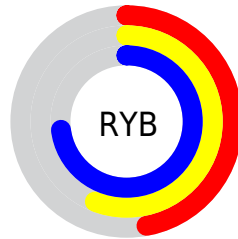
Distribution



Red (47%)

Green (60%)

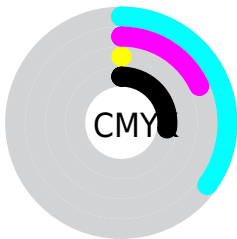
Blue (73%)



Red (47%)

Yellow (56%)

Blue (73%)

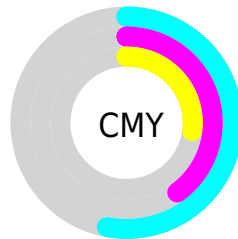


Cyan (35%)

Magenta (18%)

Yellow (0%)

Black (27%)



Cyan (53%)


Magenta (40%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 21.035, 261.215 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, 21.035, 261.215 by changing the saturation by 10% instead.


 62, 21.035,
261.215


 62, 21.035,
261.215


 100, 21.035,
261.215


 52, 21.035,
261.215


 82, 21.035,
261.215

 42, 21.035,
261.215

 92, 21.035,
261.215

 32, 21.035,
261.215

 22, 21.035,
261.215

 12, 21.035,
261.215

 2, 21.035, 261.215

 0, 21.035, 261.215

■ 62, 21.035,
261.215

■ 62, 21.035,
261.215

■ 58, 26.751,
263.583

■ 66, 15.207,
259.222

■ 55, 32.354,
266.390

■ 70, 9.286, 257.557

■ 73, 3.294, 256.207

■ 51, 37.861,
269.675

■ 77, 2.746, 74.771

■ 48, 43.321,
273.447

■ 81, 8.811, 73.832

■ 45, 48.810,
277.650

■ 85, 14.882, 72.964

■ 89, 20.941, 72.206

■ 42, 54.422,
282.137

■ 92, 23.924, 82.119

■ 40, 57.057,
284.102

■ 94, 26.898, 93.084

Harmonies

Complementary

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



62, 21.035, 261.215



65, 23.221, 71.048

Rectangle

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



62, 21.035, 261.215



62, 21.035, 311.215



62, 21.035, 81.215



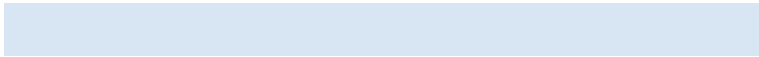
62, 21.035, 131.215

Sweetspot

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



62, 21.034, 261.213



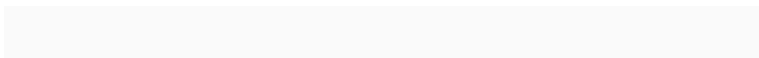
90, 8.206, 256.937



71, 30.070, 160.282



48, 5.555, 257.128



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, 21.034, 261.213



75, 31.389, 263.141



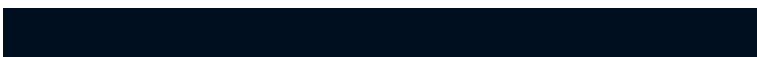
53, 38.217, 294.705



38, 3.455, 256.690



34, 49.937, 283.491



4, 11.554, 268.439

Inverse Universe

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



58, 31.378, 347.037



70, 46.978, 348.075



74, 34.993, 106.791



37, 4.980, 344.381



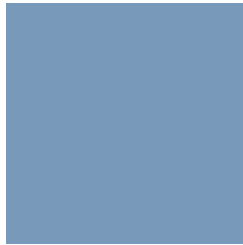
34, 59.347, 1.446



3, 13.948, 351.611

Previews

White Background



This preview shows how the CIE LCh color 62, 21.035, 261.215 looks on a white background.

Color Contrast Check

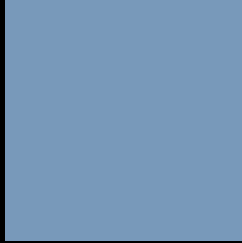
Large Text (above 18pt) WCAG AA × Fail

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, 21.035, 261.215 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

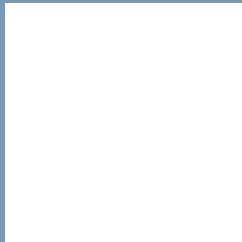
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 21.035, 261.215

Background



This preview shows how black text looks on a background with the CIELCh color 62, 21.035, 261.215.

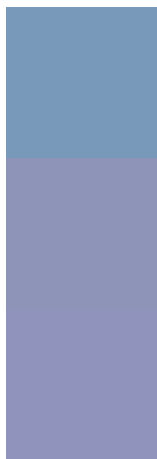


This preview shows how white text looks on a background with the CIELCh color 62, 21.035, 261.215.

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, 21.035, 261.215

Protanopia

62, 19.714, 286.273

Deuteranopia

62, 23.031, 290.115



Tritanopia
62, 15.282, 227.072

Trichromacy



Original Color
62, 21.035, 261.215

Protanomaly
62, 19.667, 276.203

Deuteranomaly
62, 21.702, 279.935

Tritanomaly
62, 16.459, 241.881

Monochromacy



Original Color
62, 21.035, 261.215

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 7.961, 257.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 21.035, 261.215 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(120, 153, 186)` looks like.

```
.text, #text, p{  
    color:rgb(120, 153, 186)  
}
```

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(120, 153, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 153, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 21.035, 261.215 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(120, 153, 186) }
```

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

```
.border{ border-color:rgb(120, 153, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 153, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 153, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 153, 186);  
box-shadow:4px 4px 4px 4px rgb(120, 153,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 21.035, 261.215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 153, 186) }
```

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

```
.background{ background-color: rgb(120,  
153, 186) }
```

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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