

Converting Colors

CIELCh(62, 23.763, 263.446)

Have a look what the booklet for
CIELCh(62, 23.763, 263.446)
contains.

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Color

CIELCh(62, 23.763, 263.446)

Conversions

Conversions Part 1

Format	Color
Hex	7599BF
RGB	117, 153, 191
RGB Percent	46%, 60%, 75%
CMY	0.5405, 0.3993, 0.2503
CMYK	0.39, 0.20, 0.00, 0.25
HSL	211°, 37%, 60%
HSV	211°, 39%, 75%
XYZ	28.2030, 30.4025, 53.7758
YIQ	146.5680, -33.6540, 4.1860

Conversions

Conversions Part 2

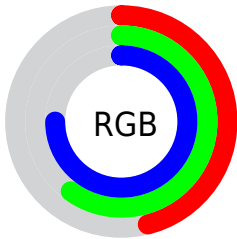
Format	Color
R_{YB}	117, 141, 191
Decimal	7707071
CIE _{Lab}	62.00, -2.71, -23.61
CIE _{LCh}	62, 23.763, 263.446
Yxy	30.4025, 0.2510, 0.2705
Android (android.graphics.Color)	4285897151 (0xFF7599BF)
YUV	146.5680, 21.9050, -25.9311
Hunter-Lab	55.1385, -5.1908, -19.2278

Details

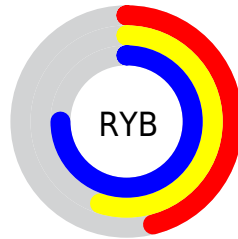
The CIELCh color `62, 23.763, 263.446` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `66, 26.257, 72.005`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 23.679, 263.191`, and `42, 23.662, 263.009` is the 20% darker color. If you saturate the color by 10%, you get `58, 29.703, 265.960`, and if you desaturate by 10%, it is `66, 17.727, 261.324`.

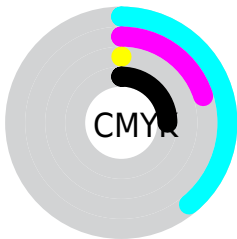
Distribution



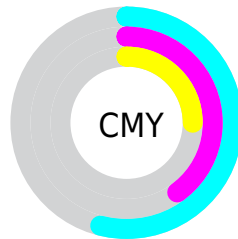
- Red (46%)
- Green (60%)
- Blue (75%)



- Red (46%)
- Yellow (55%)
- Blue (75%)



- Cyan (39%)
- Magenta (20%)
- Yellow (0%)
- Black (25%)



- Cyan (54%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 23.763, 263.446 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, 23.763, 263.446 by changing the saturation by 10% instead.

■ 62, 23.763,
263.446

■ 62, 23.763,
263.446

■ 100, 23.763,
263.446

■ 52, 23.763,
263.446

■ 82, 23.763,
263.446

■ 42, 23.763,
263.446

■ 92, 23.763,
263.446

■ 32, 23.763,
263.446

■ 22, 23.763,
263.446

■ 12, 23.763,
263.446

■ 2, 23.763, 263.446

■ 0, 23.763, 263.446

■ 62, 23.763,
263.446

■ 62, 23.763,
263.446

■ 58, 29.703,
265.960

■ 66, 17.727,
261.324

■ 54, 35.556,
268.923

■ 70, 11.609,
259.544

■ 51, 41.350,
272.363

■ 74, 5.426, 258.065

■ 47, 47.148,
276.265

■ 78, 0.799, 76.286

■ 82, 7.045, 75.574

■ 44, 53.030,
280.543

■ 86, 13.293, 74.655

■ 41, 59.090,
284.955

■ 90, 19.526, 73.848

■ 93, 22.714, 85.260

■ 41, 59.894,
285.490

■ 95, 26.175, 96.776

Harmonies

Complementary

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



62, 23.763, 263.446



66, 26.257, 72.005

Rectangle

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



62, 23.763, 263.446



62, 23.763, 313.446



62, 23.763, 83.446



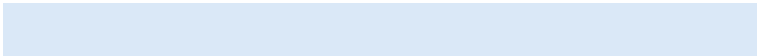
62, 23.763, 133.446

Sweetspot

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



62, 23.762, 263.445



91, 9.204, 258.545



72, 33.418, 159.888



48, 6.152, 258.737



99, 0.012, 296.813



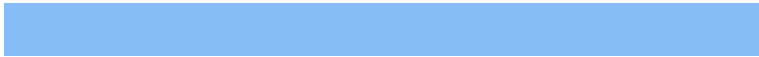
52, 0.007, 296.813

Same Dimension

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



62, 23.762, 263.445



75, 34.626, 265.427



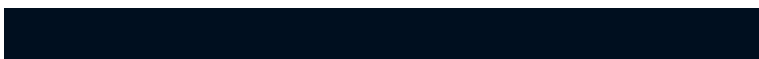
52, 42.942, 295.274



38, 3.493, 258.150



33, 51.291, 284.802



4, 11.710, 269.520

Inverse Universe

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



58, 34.721, 348.241



70, 50.601, 349.327



76, 38.913, 106.482



37, 4.935, 345.125



34, 59.223, 2.717



3, 13.845, 352.404

Previews

White Background



This preview shows how the CIELCh color 62, 23.763, 263.446 looks on a white background.

Color Contrast Check

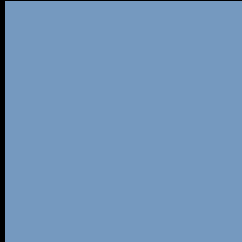
Large Text (above 18pt) WCAG AA × Fail

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, 23.763, 263.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

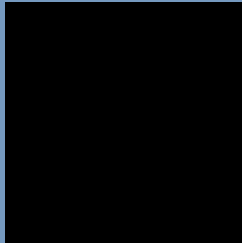
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

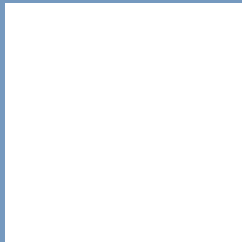
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 23.763, 263.446

Background



This preview shows how black text looks on a background with the CIELCh color 62, 23.763, 263.446.



This preview shows how white text looks on a background with the CIELCh color 62, 23.763, 263.446.

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, 23.763, 263.446

Protanopia
62, 21.994, 285.443

Deuteranopia
62, 25.859, 288.513



Tritanopia
62, 16.624, 224.443

Trichromacy



Original Color
62, 23.763, 263.446

Protanomaly
62, 22.484, 277.080

Deuteranomaly
62, 24.590, 279.616

Tritanomaly
62, 18.204, 241.494

Monochromacy



Original Color
62, 23.763, 263.446

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 9.076, 259.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 23.763, 263.446 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(117, 153, 191)` looks like.

```
.text, #text, p{  
    color:rgb(117, 153, 191)  
}
```

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(117, 153, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 153, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 23.763, 263.446 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(117, 153, 191) }
```

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

```
.border{ border-color:rgb(117, 153, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 153, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 153, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 153, 191);  
box-shadow:4px 4px 4px 4px rgb(117, 153,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 23.763, 263.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 153, 191) }
```

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

```
.background{ background-color: rgb(117,  
153, 191) }
```

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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