

Converting Colors

CIELCh(62, 21.257, 265.690)

Have a look what the booklet for
CIELCh(62, 21.257, 265.690)
contains.

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Color

CIELCh(62, 21.474, 265.924)

Conversions

Conversions Part 1

Format	Color
Hex	7B98BB
RGB	123, 152, 187
RGB Percent	48%, 60%, 73%
CMY	0.5163, 0.4026, 0.2653
CMYK	0.34, 0.19, 0.00, 0.27
HSL	213°, 32%, 61%
HSV	213°, 34%, 73%
XYZ	28.5049, 30.4025, 51.5738
YIQ	147.3190, -28.5190, 4.7370

Conversions

Conversions Part 2

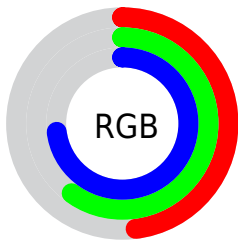
Format	Color
RYB	123, 143, 187
Decimal	8100027
CIELab	62.00, -1.53, -21.42
CIElCh	62, 21.474, 265.924
Yxy	30.4025, 0.2580, 0.2752
Android (android.graphics.Color)	4286290107 (0xFF7B98BB)
YUV	147.3190, 19.5627, -21.3278
Hunter-Lab	55.1385, -4.2133, -16.8599

Details

The CIELCh color $62, 21.474, 265.924$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $67, 22.970, 75.934$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 21.432, 265.957$, and $42, 21.768, 266.252$ is the 20% darker color. If you saturate the color by 10%, you get $58, 27.688, 268.241$, and if you desaturate by 10%, it is $66, 15.219, 263.961$.

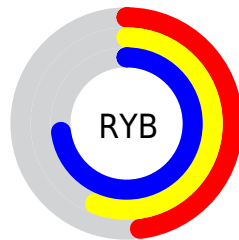
Distribution



Red (48%)

Green (60%)

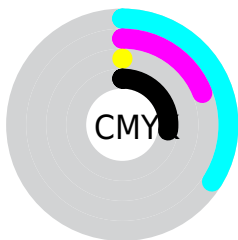
Blue (73%)



Red (48%)

Yellow (56%)

Blue (73%)

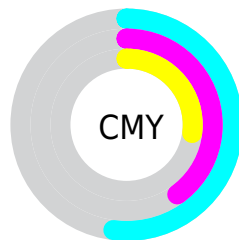


Cyan (34%)

Magenta (19%)

Yellow (0%)

Black (27%)



Cyan (52%)

Magenta (40%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 21.474, 265.924 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, 21.474, 265.924 by changing the saturation by 10% instead.

■ 62, 21.474,
265.924

■ 62, 21.474,
265.924

■ 100, 21.474,
265.924

■ 52, 21.474,
265.924

■ 82, 21.474,
265.924

■ 42, 21.474,
265.924

■ 92, 21.474,
265.924

■ 32, 21.474,
265.924

■ 22, 21.474,
265.924

■ 12, 21.474,
265.924

■ 2, 21.474, 265.924

■ 0, 21.474, 265.924

■ 62, 21.474,
265.924

■ 62, 21.474,
265.924

■ 58, 27.688,
268.241

■ 66, 15.219,
263.961

■ 54, 33.867,
270.967

■ 70, 8.935, 262.307

■ 74, 2.634, 260.973

■ 50, 40.035,
274.137

■ 78, 3.667, 79.556

■ 47, 46.237,
277.751

■ 83, 9.953, 78.567

■ 43, 52.541,
281.750

■ 87, 16.209, 77.676

■ 91, 22.424, 76.893

■ 40, 59.007,
285.992

■ 93, 25.390, 89.879

■ 38, 62.882,
288.387

■ 96, 29.325,
100.022

Harmonies

Complementary

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



62, 21.474, 265.924



67, 22.970, 75.934

Rectangle

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



62, 21.474, 265.924



62, 21.474, 315.924



62, 21.474, 85.924



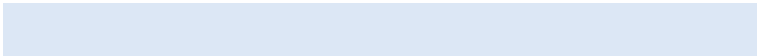
62, 21.474, 135.924

Sweetspot

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



62, 21.473, 265.922



91, 7.842, 261.726



71, 28.400, 162.204



48, 5.347, 261.925



98, 0.011, 296.813



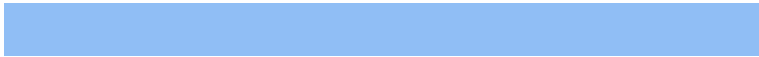
51, 0.007, 296.813

Same Dimension

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



62, 21.473, 265.922



76, 31.961, 267.629



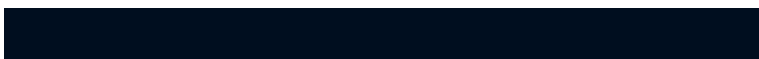
54, 36.930, 295.540



38, 3.598, 261.615



32, 54.725, 287.796



4, 12.099, 271.983

Inverse Universe

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



59, 29.601, 349.680



72, 44.123, 350.675



74, 33.949, 108.398



37, 4.829, 347.020



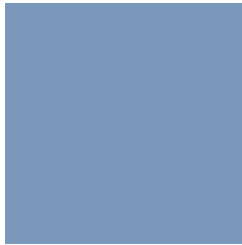
33, 59.066, 5.892



3, 13.611, 354.342

Previews

White Background



This preview shows how the CIE LCh color 62, 21.474, 265.924 looks on a white background.

Color Contrast Check

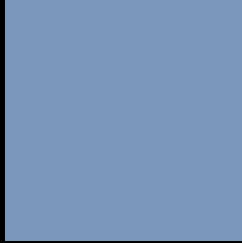
Large Text (above 18pt) WCAG AA × Fail

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, 21.474, 265.924 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

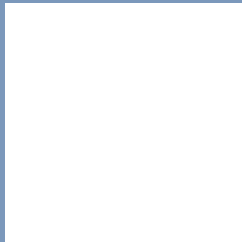
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 21.474, 265.924

Background



This preview shows how black text looks on a background with the CIELCh color 62, 21.474, 265.924.

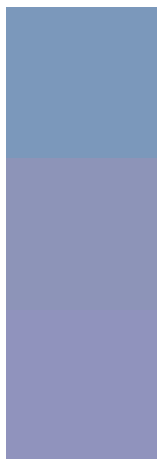


This preview shows how white text looks on a background with the CIELCh color 62, 21.474, 265.924.

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, 21.474, 265.924

Protanopia

62, 20.299, 285.560

Deuteranopia

62, 23.589, 290.241



Tritanopia
62, 14.251, 226.796

Trichromacy



Original Color
62, 21.474, 265.924

Protanomaly
62, 20.125, 277.653

Deuteranomaly
62, 22.188, 281.172

Tritanomaly
62, 15.795, 244.226

Monochromacy



Original Color
62, 21.474, 265.924

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 7.769, 259.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 21.474, 265.924 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(123, 152, 187)` looks like.

```
.text, #text, p{  
    color:rgb(123, 152, 187)  
}
```

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(123, 152, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 152, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 21.474, 265.924 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(123, 152, 187) }
```

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

```
.border{ border-color:rgb(123, 152, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 152, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 152, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 152, 187);  
box-shadow:4px 4px 4px 4px rgb(123, 152,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 21.474, 265.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 152, 187) }
```

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

```
.background{ background-color: rgb(123,  
152, 187) }
```

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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