

Converting Colors

CIELCh(62, 24.767, 175.543)

Have a look what the booklet for
CIELCh(62, 24.767, 175.543)
contains.

| | |
|------------------------------------------------|----|
| CIELCh(62, 24.723, 175.854) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 20 |
| <i>Color Blindness Simulation</i> | 23 |
| <i>CSS Examples</i> | 26 |

Color

CIELCh(62, 24.723, 175.854)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 61A292 |
| RGB | 97, 162, 146 |
| RGB Percent | 38%, 64%, 57% |
| CMY | 0.6201, 0.3652, 0.4279 |
| CMYK | 0.40, 0.00, 0.10, 0.37 |
| HSL | 165°, 26%, 51% |
| HSV | 165°, 40%, 63% |
| XYZ | 22.9935, 30.4025, 31.8007 |
| YIQ | 140.7410, -33.6040, -18.7560 |

Conversions

Conversions Part 2

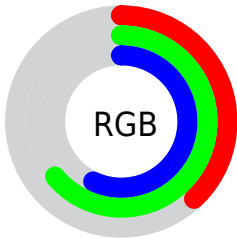
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 97, 134, 162 |
| Decimal | 6398610 |
| CIELab | 62.00, -24.66, 1.79 |
| CIElCh | 62, 24.723, 175.854 |
| Yxy | 30.4025, 0.2699, 0.3569 |
| Android (android.graphics.Color) | 4284588690 (0xFF61A292) |
| YUV | 140.7410, 2.5927, -38.3609 |
| Hunter-Lab | 55.1385, -22.0553, 4.4019 |

Details

The CIELCh color **62, 24.723, 175.854** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **49, 28.554, 4.647**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 24.762, 176.237**, and **42, 24.700, 176.428** is the 20% darker color. If you saturate the color by 10%, you get **61, 29.970, 174.661**, and if you desaturate by 10%, it is **63, 19.009, 176.949**.

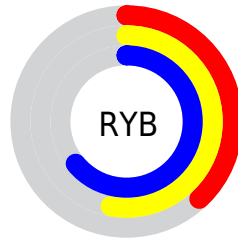
Distribution



Red (38%)

Green (64%)

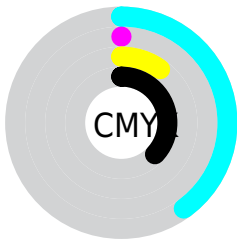
Blue (57%)



Red (38%)

Yellow (53%)

Blue (64%)

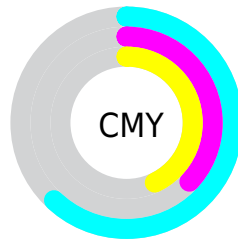


Cyan (40%)

Magenta (0%)

Yellow (10%)

Black (37%)



Cyan (62%)

Magenta (37%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 24.723, 175.854 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, 24.723, 175.854 by changing the saturation by 10% instead.


 62, 24.723,
175.854


 62, 24.723,
175.854


 100, 24.723,
175.854


 52, 24.723,
175.854


 82, 24.723,
175.854

 42, 24.723,
175.854

 92, 24.723,
175.854

 32, 24.723,
175.854

 22, 24.723,
175.854

 12, 24.723,
175.854

 2, 24.723, 175.854

 0, 24.723, 175.854

62, 24.723,
175.854

62, 24.723,
175.854

61, 29.970,
174.661

63, 19.009,
176.949

61, 34.650,
173.354

64, 12.933,
177.973

60, 38.683,
171.908

65, 6.598, 178.954

60, 42.024,
170.300

67, 0.097, 184.143

68, 6.490, 0.571

59, 44.679,
168.514

70, 13.099, 1.417

59, 46.804,
166.647

71, 19.678, 2.208

73, 26.189, 2.962

75, 32.606, 3.687

Harmonies

Complementary

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



62, 24.723, 175.854



49, 28.554, 4.647

Rectangle

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



62, 24.723, 175.854



62, 24.723, 225.854



62, 24.723, 355.854



62, 24.723, 45.854

Sweetspot

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



62, 24.724, 175.852



83, 9.678, 178.751



62, 40.779, 135.233



44, 6.462, 178.632



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 24.724, 175.852



78, 35.825, 174.814



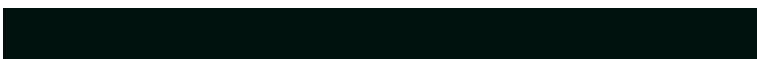
58, 18.287, 228.770



34, 3.703, 179.041



53, 43.130, 166.847



4, 5.988, 176.005

Inverse Universe

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



49, 28.554, 4.647



59, 42.766, 6.282



52, 23.957, 44.278



32, 3.821, 0.597



30, 58.899, 24.603



1, 5.766, 1.513

Previews

White Background



This preview shows how the CIELCh color 62, 24.723, 175.854 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, 24.723, 175.854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

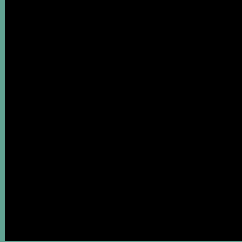
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 24.723, 175.854

Background



This preview shows how black text looks on a background with the CIELCh color 62, 24.723, 175.854.

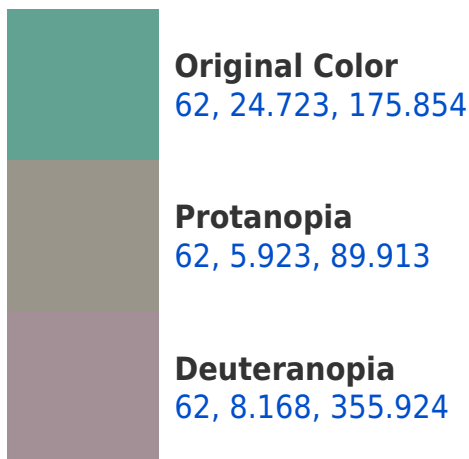



This preview shows how white text looks on a background with the CIELCh color 62, 24.723, 175.854.

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](#).

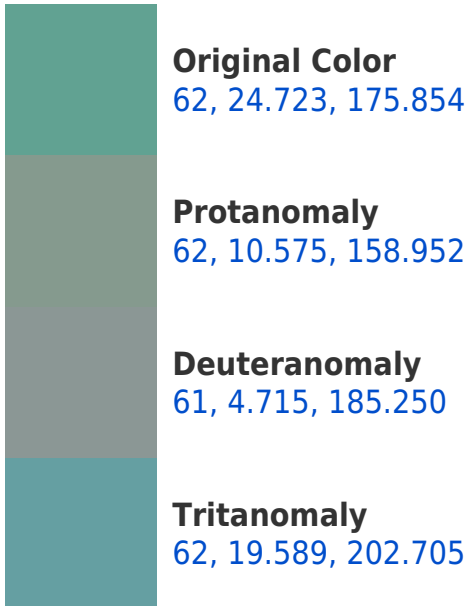
Dichromacy



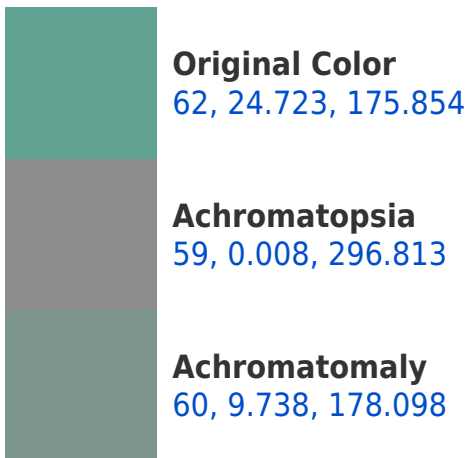


Tritanopia
62, 19.256, 220.432

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 24.723, 175.854 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(97, 162, 146)` looks like.

```
.text, #text, p{  
    color:rgb(97, 162, 146)  
}
```

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(97, 162, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 162, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 24.723, 175.854 is called "border". The border property can be set on classes, ids or directly on the HTML element.

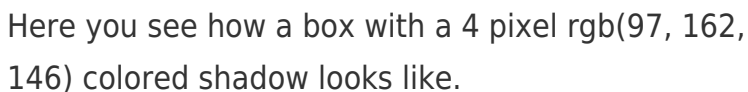
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(97, 162, 146) }
```

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

```
.border{ border-color:rgb(97, 162, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(97, 162, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(97, 162, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(97, 162, 146); box-shadow:4px 4px 4px 4px rgb(97, 162, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 24.723, 175.854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 162, 146) }
```

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

```
.background{ background-color: rgb(97, 162,  
146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor