

Converting Colors

CIELCh(62, 27.142, 174.612)

Have a look what the booklet for
CIELCh(62, 27.142, 174.612)
contains.

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Color

CIELCh(62, 27.410, 174.040)

Conversions

Conversions Part 1

Format	Color
Hex	5BA390
RGB	91, 163, 144
RGB Percent	36%, 64%, 56%
CMY	0.6434, 0.3610, 0.4355
CMYK	0.44, 0.00, 0.12, 0.36
HSL	164°, 28%, 50%
HSV	164°, 44%, 64%
XYZ	22.4219, 30.4025, 31.0456
YIQ	139.3060, -36.8130, -21.1730

Conversions

Conversions Part 2

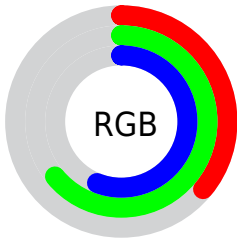
Format	Color
RYB	91, 132, 163
Decimal	6005648
CIELab	62.00, -27.26, 2.85
CIElCh	62, 27.410, 174.040
Yxy	30.4025, 0.2673, 0.3625
Android (android.graphics.Color)	4284195728 (0xFF5BA390)
YUV	139.3060, 2.3141, -42.3644
Hunter-Lab	55.1385, -23.9059, 5.2138

Details

The CIELCh color **62, 27.410, 174.040** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **47, 31.832, 4.048**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 27.181, 174.457**, and **42, 27.485, 174.237** is the 20% darker color. If you saturate the color by 10%, you get **61, 32.577, 172.776**, and if you desaturate by 10%, it is **63, 21.741, 175.192**.

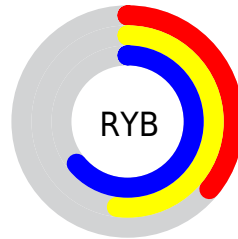
Distribution



Red (36%)

Green (64%)

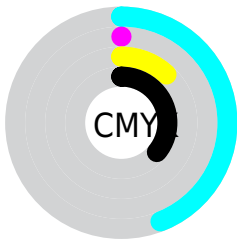
Blue (56%)



Red (36%)

Yellow (52%)

Blue (64%)

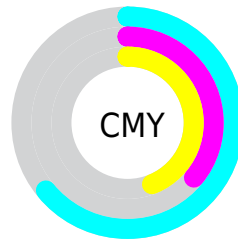


Cyan (44%)

Magenta (0%)

Yellow (12%)

Black (36%)



Cyan (64%)


Magenta (36%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 27.410, 174.040 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, 27.410, 174.040 by changing the saturation by 10% instead.


 62, 27.410,
174.040


 62, 27.410,
174.040


 100, 27.410,
174.040


 52, 27.410,
174.040


 82, 27.410,
174.040

 42, 27.410,
174.040

 92, 27.410,
174.040

 32, 27.410,
174.040

 22, 27.410,
174.040

 12, 27.410,
174.040

 2, 27.410, 174.040

 0, 27.410, 174.040

■ 62, 27.410,
174.040

■ 62, 27.410,
174.040

■ 61, 32.577,
172.776

■ 63, 21.741,
175.192

■ 61, 37.146,
171.381

■ 64, 15.676,
176.258

■ 60, 41.048,
169.832

■ 65, 9.321, 177.261

■ 60, 44.253,
168.106

■ 66, 2.774, 178.290

■ 68, 3.878, 358.902

■ 60, 46.791,
166.194

■ 69, 10.566,
359.799

■ 59, 48.108,
165.069

■ 71, 17.232, 0.605

■ 73, 23.836, 1.370

■ 75, 30.346, 2.101

Harmonies

Complementary

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



62, 27.410, 174.040



47, 31.832, 4.048

Rectangle

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



62, 27.410, 174.040



62, 27.410, 224.040



62, 27.410, 354.040



62, 27.410, 44.040

Sweetspot

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



62, 27.411, 174.038



83, 10.577, 177.354



62, 44.748, 134.519



44, 7.443, 177.145



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, 27.411, 174.038



78, 39.452, 172.803



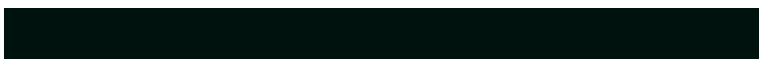
58, 19.938, 226.908



34, 3.739, 177.746



53, 44.103, 165.286



4, 6.052, 174.685

Inverse Universe

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



47, 31.832, 4.048



57, 47.366, 6.039



51, 27.159, 42.670



32, 3.851, 359.311



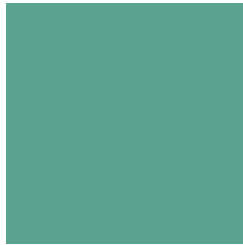
30, 58.336, 23.096



1, 5.809, 0.318

Previews

White Background



This preview shows how the CIELCh color 62, 27.410, 174.040 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, 27.410, 174.040 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, 27.410, 174.040

Background



This preview shows how black text looks on a background with the CIELCh color 62, 27.410, 174.040.

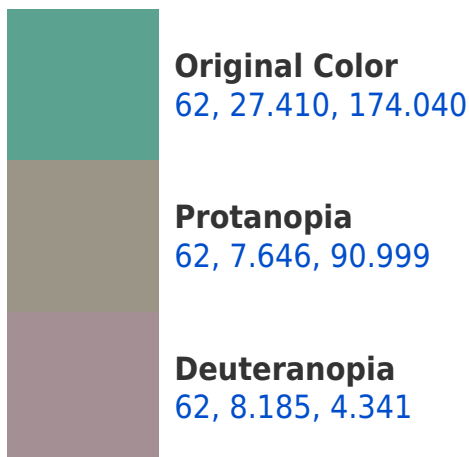



This preview shows how white text looks on a background with the CIELCh color 62, 27.410, 174.040.

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, 20.774, 218.580

Trichromacy



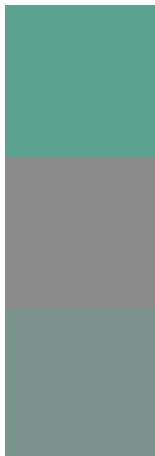
Original Color
62, 27.410, 174.040

Protanomaly
62, 12.034, 154.027

Deuteranomaly
61, 5.822, 176.193

Tritanomaly
62, 21.570, 200.566

Monochromacy



Original Color
62, 27.410, 174.040

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 10.662, 176.555

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 27.410, 174.040 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(91, 163, 144)` looks like.

```
.text, #text, p{  
    color:rgb(91, 163, 144)  
}
```

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(91, 163, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 163, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 27.410, 174.040 is called "border". The border property can be set on classes, ids or directly on the HTML element.

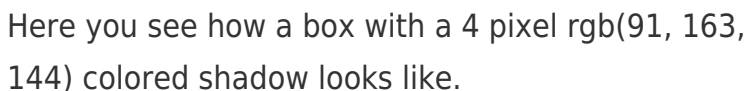
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 163, 144) }
```

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

```
.border{ border-color:rgb(91, 163, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 163, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 163, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 163, 144);  
box-shadow:4px 4px 4px 4px rgb(91, 163,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 27.410, 174.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 163, 144) }
```

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

```
.background{ background-color: rgb(91, 163,  
144) }
```

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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