

Converting Colors

CIELCh(62, 21.701, 195.168)

Have a look what the booklet for
CIELCh(62, 21.701, 195.168)
contains.

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Color

CIELCh(62, 21.926, 194.541)

Conversions

Conversions Part 1

Format	Color
Hex	60A19F
RGB	96, 161, 159
RGB Percent	38%, 63%, 62%
CMY	0.6242, 0.3693, 0.3772
CMYK	0.40, 0.00, 0.01, 0.37
HSL	178°, 26%, 50%
HSV	178°, 40%, 63%
XYZ	23.7624, 30.4025, 37.3371
YIQ	141.3370, -38.0980, -14.4020

Conversions

Conversions Part 2

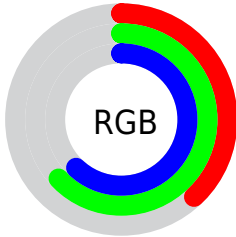
Format	Color
R_{YB}	96, 129, 161
Decimal	6332831
CIE _{Lab}	62.00, -21.22, -5.51
CIE _{LCh}	62, 21.926, 194.541
Y _{xy}	30.4025, 0.2597, 0.3323
Android (android.graphics.Color)	4284522911 (0xFF60A19F)
YUV	141.3370, 8.7079, -39.7605
Hunter-Lab	55.1385, -19.5662, -1.5513

Details

The CIELCh color **62, 21.926, 194.541** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **48, 28.551, 20.971**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 21.866, 195.080**, and **42, 21.866, 195.309** is the 20% darker color. If you saturate the color by 10%, you get **61, 26.084, 194.029**, and if you desaturate by 10%, it is **63, 17.171, 195.080**.

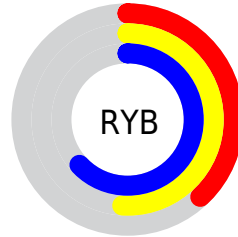
Distribution



Red (38%)

Green (63%)

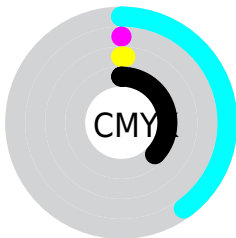
Blue (62%)



Red (38%)

Yellow (51%)

Blue (63%)

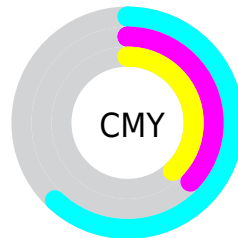


Cyan (40%)

Magenta (0%)

Yellow (1%)

Black (37%)



Cyan (62%)


Magenta (37%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 21.926, 194.541 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, 21.926, 194.541 by changing the saturation by 10% instead.


 62, 21.926,
194.541


 62, 21.926,
194.541


 100, 21.926,
194.541


 52, 21.926,
194.541


 82, 21.926,
194.541

 42, 21.926,
194.541

 92, 21.926,
194.541

 32, 21.926,
194.541

 22, 21.926,
194.541

 12, 21.926,
194.541

 2, 21.926, 194.541

 0, 21.926, 194.541

■ 62, 21.926,
194.541

■ 62, 21.926,
194.541

■ 61, 26.084,
194.029

■ 63, 17.171,
195.080

■ 61, 29.566,
193.548

■ 64, 11.909,
195.657

■ 60, 32.319,
193.093

■ 65, 6.239, 196.282

■ 60, 34.326,
192.656

■ 66, 0.252, 198.666

■ 67, 5.965, 17.369

■ 60, 35.614,
192.227

■ 69, 12.339, 18.050

■ 60, 36.364,
191.819

■ 71, 18.809, 18.711

■ 72, 25.324, 19.368

■ 74, 31.845, 20.021

Harmonies

Complementary

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



62, 21.926, 194.541



48, 28.551, 20.971

Rectangle

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



62, 21.926, 194.541



62, 21.926, 244.541



62, 21.926, 14.541



62, 21.926, 64.541

Sweetspot

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



62, 21.926, 194.538



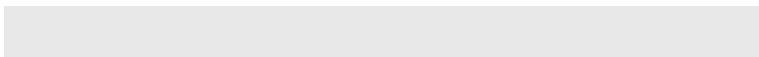
82, 8.863, 196.163



61, 43.642, 140.708



43, 5.849, 196.086



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 21.926, 194.538



78, 30.989, 194.104



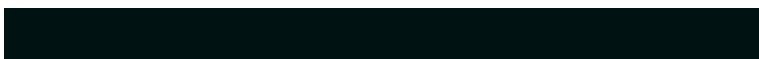
53, 20.465, 258.385



34, 3.438, 196.360



54, 33.758, 191.857



4, 5.477, 196.023

Inverse Universe

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



48, 28.551, 20.971



58, 43.006, 22.501



55, 23.483, 67.034



32, 3.629, 17.409



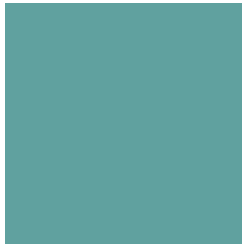
30, 66.989, 38.033



1, 5.471, 17.084

Previews

White Background



This preview shows how the CIELCh color 62, 21.926, 194.541 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, 21.926, 194.541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

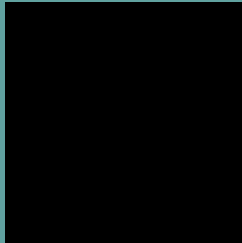
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 21.926, 194.541

Background



This preview shows how black text looks on a background with the CIELCh color 62, 21.926, 194.541.

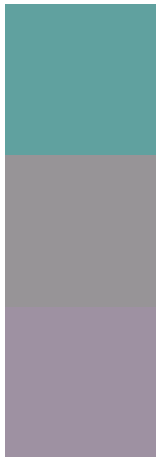


This preview shows how white text looks on a background with the CIELCh color 62, 21.926, 194.541.

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, 21.926, 194.541

Protanopia

62, 2.060, 324.446

Deuteranopia

62, 10.794, 318.172



Tritanopia
62, 20.525, 218.862

Trichromacy



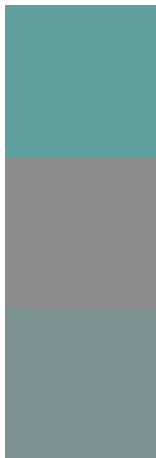
Original Color
62, 21.926, 194.541

Protanomaly
62, 8.139, 202.692

Deuteranomaly
62, 7.994, 243.879

Tritanomaly
62, 20.651, 208.768

Monochromacy



Original Color
62, 21.926, 194.541

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 8.611, 194.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 21.926, 194.541 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(96, 161, 159)` looks like.

```
.text, #text, p{  
    color:rgb(96, 161, 159)  
}
```

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(96, 161, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 161, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 21.926, 194.541 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(96, 161, 159) }
```

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

```
.border{ border-color:rgb(96, 161, 159) }
```

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

Here you see how a box with a 4 pixel rgb(96, 161, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 161, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 161, 159);  
box-shadow:4px 4px 4px 4px rgb(96, 161,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 21.926, 194.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 161, 159) }
```

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

```
.background{ background-color: rgb(96, 161,  
159) }
```

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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