

Converting Colors

CIELCh(62, 21.693, 206.018)

Have a look what the booklet for
CIELCh(62, 21.693, 206.018)
contains.

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Color

CIELCh(62, 21.697, 206.612)

Conversions

Conversions Part 1

Format	Color
Hex	5EA0A6
RGB	94, 160, 166
RGB Percent	37%, 63%, 65%
CMY	0.6302, 0.3714, 0.3479
CMYK	0.43, 0.04, 0.00, 0.35
HSL	185°, 29%, 51%
HSV	185°, 43%, 65%
XYZ	24.1779, 30.4025, 40.8115
YIQ	140.9500, -41.2620, -12.1260

Conversions

Conversions Part 2

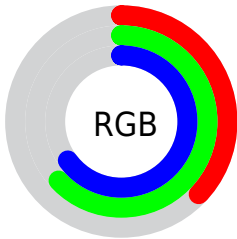
Format	Color
RYB	94, 128, 166
Decimal	6201510
CIELab	62.00, -19.40, -9.72
CIElCh	62, 21.697, 206.612
Yxy	30.4025, 0.2535, 0.3187
Android (android.graphics.Color)	4284391590 (0xFF5EA0A6)
YUV	140.9500, 12.3497, -41.1751
Hunter-Lab	55.1385, -18.2212, -5.2873

Details

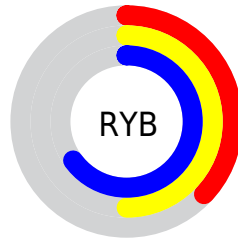
The CIELCh color **62, 21.697, 206.612** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **50, 29.828, 29.654**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 21.813, 206.393**, and **42, 21.588, 206.832** is the 20% darker color. If you saturate the color by 10%, you get **61, 25.320, 206.852**, and if you desaturate by 10%, it is **63, 17.455, 206.519**.

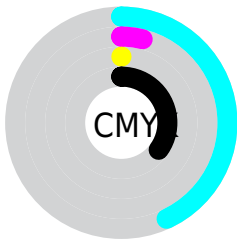
Distribution



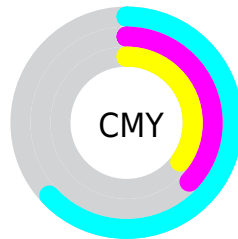
- Red (37%)
- Green (63%)
- Blue (65%)



- Red (37%)
- Yellow (50%)
- Blue (65%)



- Cyan (43%)
- Magenta (4%)
- Yellow (0%)
- Black (35%)





- Cyan (63%)
- Magenta (37%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 21.697, 206.612 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, 21.697, 206.612 by changing the saturation by 10% instead.


 62, 21.697,
206.612


 62, 21.697,
206.612


 100, 21.697,
206.612


 52, 21.697,
206.612


 82, 21.697,
206.612

 42, 21.697,
206.612

 92, 21.697,
206.612

 32, 21.697,
206.612

 22, 21.697,
206.612

 12, 21.697,
206.612

 2, 21.697, 206.612

 0, 21.697, 206.612

62, 21.697,
206.612

62, 21.697,
206.612

61, 25.320,
206.852

63, 17.455,
206.519

60, 28.250,
207.275

65, 12.680,
206.559

59, 30.442,
207.906

66, 7.464, 206.717

58, 31.886,
208.777

68, 1.897, 207.119

69, 3.941, 27.016

58, 32.626,
209.911

71, 9.980, 27.415

57, 32.886,
210.769

73, 16.159, 27.794

75, 22.431, 28.188

77, 28.755, 28.595

Harmonies

Complementary

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



62, 21.697, 206.612



50, 29.828, 29.654

Rectangle

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



62, 21.697, 206.612



62, 21.697, 256.612



62, 21.697, 26.612



62, 21.697, 76.612

Sweetspot

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



62, 21.697, 206.609



84, 9.057, 206.718



62, 46.272, 142.910



44, 6.349, 206.674



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



62, 21.697, 206.609



78, 30.710, 206.841



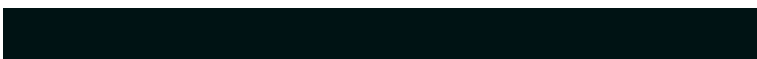
52, 25.253, 269.870



35, 3.243, 206.820



51, 30.196, 210.616



5, 5.907, 210.091

Inverse Universe

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



50, 45.631, 329.207



61, 66.719, 329.725



58, 27.125, 76.655



33, 6.073, 327.269



34, 72.203, 331.785



2, 10.786, 327.711

Previews

White Background



This preview shows how the CIE LCh color 62, 21.697, 206.612 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, 21.697, 206.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

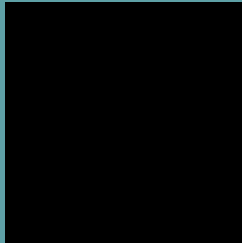
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 21.697, 206.612

Background



This preview shows how black text looks on a background with the CIELCh color 62, 21.697, 206.612.

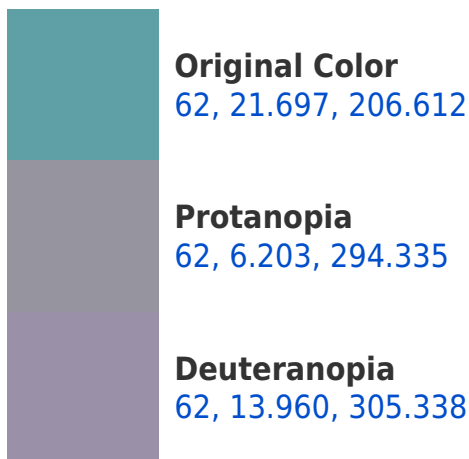



This preview shows how white text looks on a background with the CIELCh color 62, 21.697, 206.612.

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, 21.268, 218.042

Trichromacy



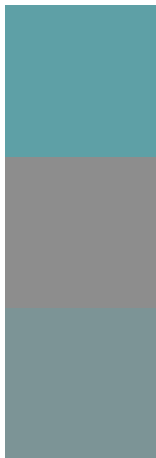
Original Color
62, 21.697, 206.612

Protanomaly
61, 9.861, 233.723

Deuteranomaly
62, 11.525, 255.346

Tritanomaly
62, 21.343, 214.707

Monochromacy



Original Color
62, 21.697, 206.612

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 8.896, 205.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 21.697, 206.612 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(94, 160, 166)` looks like.

```
.text, #text, p{  
    color:rgb(94, 160, 166)  
}
```

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(94, 160, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 160, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 21.697, 206.612 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(94, 160, 166) }
```

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

```
.border{ border-color:rgb(94, 160, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 160, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 160, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 160, 166);  
box-shadow:4px 4px 4px 4px rgb(94, 160,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 21.697, 206.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 160, 166) }
```

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

```
.background{ background-color: rgb(94, 160,  
166) }
```

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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