

Converting Colors

CIELCh(62, 23.937, 206.852)

Have a look what the booklet for
CIELCh(62, 23.937, 206.852)
contains.

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Color

CIELCh(62, 23.927, 206.978)

Conversions

Conversions Part 1

Format	Color
Hex	56A1A8
RGB	86, 161, 168
RGB Percent	34%, 63%, 66%
CMY	0.6617, 0.3677, 0.3402
CMYK	0.49, 0.04, 0.00, 0.34
HSL	185°, 32%, 50%
HSV	185°, 49%, 66%
XYZ	23.7399, 30.4025, 41.7831
YIQ	139.3730, -46.9470, -13.7230

Conversions

Conversions Part 2

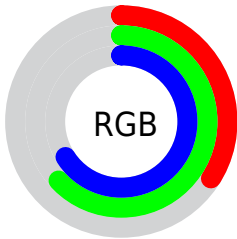
Format	Color
RYB	86, 125, 168
Decimal	5677480
CIELab	62.00, -21.32, -10.85
CIElCh	62, 23.927, 206.978
Yxy	30.4025, 0.2475, 0.3169
Android (android.graphics.Color)	4283867560 (0xFF56A1A8)
YUV	139.3730, 14.1131, -46.8081
Hunter-Lab	55.1385, -19.6392, -6.3321

Details

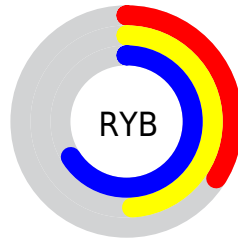
The CIELCh color **62, 23.927, 206.978** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **48, 34.518, 30.491**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 23.994, 206.779**, and **42, 23.917, 207.143** is the 20% darker color. If you saturate the color by 10%, you get **61, 27.203, 207.332**, and if you desaturate by 10%, it is **63, 19.983, 206.791**.

Distribution



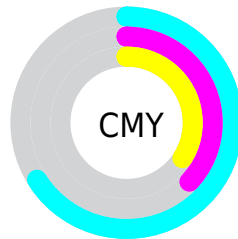
- Red (34%)
- Green (63%)
- Blue (66%)



- Red (34%)
- Yellow (49%)
- Blue (66%)



- Cyan (49%)
- Magenta (4%)
- Yellow (0%)
- Black (34%)





- Cyan (66%)
- Magenta (37%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 23.927, 206.978 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, 23.927, 206.978 by changing the saturation by 10% instead.


 62, 23.927,
206.978


 62, 23.927,
206.978


 100, 23.927,
206.978


 52, 23.927,
206.978


 82, 23.927,
206.978

 42, 23.927,
206.978

 92, 23.927,
206.978

 32, 23.927,
206.978

 22, 23.927,
206.978

 12, 23.927,
206.978

 2, 23.927, 206.978

 0, 23.927, 206.978

62, 23.927,
206.978

62, 23.927,
206.978

61, 27.203,
207.332

63, 19.983,
206.791

60, 29.750,
207.887

64, 15.453,
206.750

59, 31.542,
208.674

66, 10.429,
206.833

59, 32.597,
209.720

67, 5.001, 207.044

69, 0.744, 26.523

58, 33.057,
211.011

71, 6.728, 27.401

58, 33.106,
211.178

73, 12.885, 27.772

75, 19.161, 28.152

77, 25.511, 28.547

Harmonies

Complementary

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



62, 23.927, 206.978



48, 34.518, 30.491

Rectangle

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



62, 23.927, 206.978



62, 23.927, 256.978



62, 23.927, 26.978



62, 23.927, 76.978

Sweetspot

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



62, 23.927, 206.976



84, 10.470, 206.889



62, 51.625, 142.776



44, 7.089, 206.854



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, 23.927, 206.976



78, 33.260, 207.346



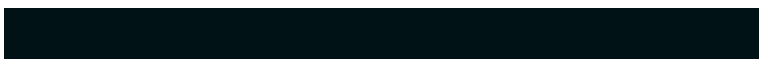
50, 29.333, 272.825



35, 3.237, 207.028



51, 30.140, 211.006



5, 5.894, 210.371

Inverse Universe

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



49, 51.291, 329.571



59, 73.709, 330.111



58, 31.351, 77.462



33, 6.065, 327.330



34, 72.089, 331.880



2, 10.766, 327.795

Previews

White Background



This preview shows how the CIELCh color 62, 23.927, 206.978 looks on a white background.

Color Contrast Check

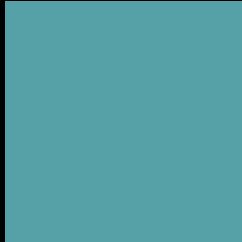
Large Text (above 18pt) WCAG AA × Fail

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, 23.927, 206.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

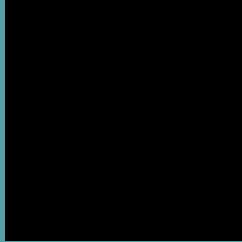
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 23.927, 206.978

Background



This preview shows how black text looks on a background with the CIELCh color 62, 23.927, 206.978.

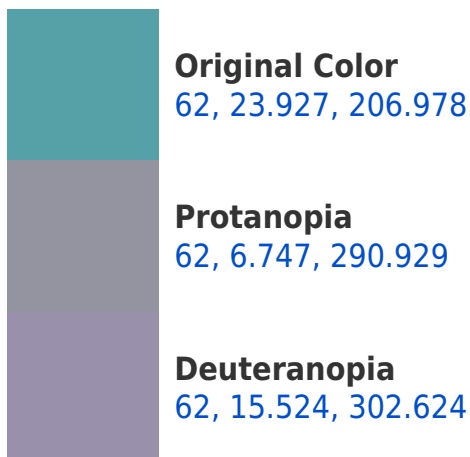


This preview shows how white text looks on a background with the CIELCh color 62, 23.927, 206.978.

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, 23.406, 215.949

Trichromacy



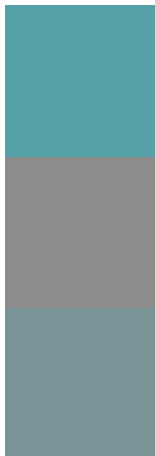
Original Color
62, 23.927, 206.978

Protanomaly
62, 10.992, 229.588

Deuteranomaly
61, 13.410, 256.341

Tritanomaly
62, 23.516, 212.922

Monochromacy



Original Color
62, 23.927, 206.978

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 10.278, 204.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 23.927, 206.978 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(86, 161, 168)` looks like.

```
.text, #text, p{  
    color:rgb(86, 161, 168)  
}
```

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(86, 161, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 161, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 23.927, 206.978 is called "border". The border property can be set on classes, ids or directly on the HTML element.

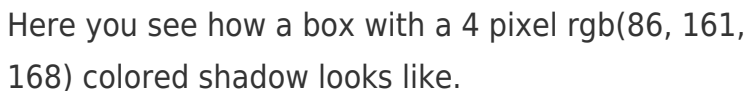
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(86, 161, 168) }
```

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

```
.border{ border-color:rgb(86, 161, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(86, 161, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(86, 161, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(86, 161, 168); box-shadow:4px 4px 4px 4px rgb(86, 161, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 23.927, 206.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 161, 168) }
```

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

```
.background{ background-color: rgb(86, 161,  
168) }
```

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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