

Converting Colors

CIELCh(62, 28.743, 182.381)

Have a look what the booklet for
CIELCh(62, 28.743, 182.381)
contains.

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Color

CIELCh(62, 28.769, 182.126)

Conversions

Conversions Part 1

Format	Color
Hex	50A497
RGB	80, 164, 151
RGB Percent	31%, 64%, 59%
CMY	0.6871, 0.3576, 0.4086
CMYK	0.51, 0.00, 0.08, 0.36
HSL	171°, 34%, 48%
HSV	171°, 51%, 64%
XYZ	22.0996, 30.4025, 33.8976
YIQ	137.4020, -45.8910, -21.8510

Conversions

Conversions Part 2

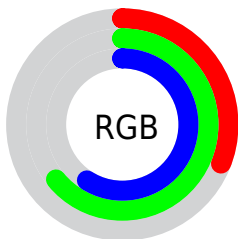
Format	Color
RYB	80, 126, 164
Decimal	5285015
CIELab	62.00, -28.75, -1.07
CIELCh	62, 28.769, 182.126
Yxy	30.4025, 0.2558, 0.3519
Android (android.graphics.Color)	4283475095 (0xFF50A497)
YUV	137.4020, 6.7038, -50.3416
Hunter-Lab	55.1385, -24.9493, 2.1471

Details

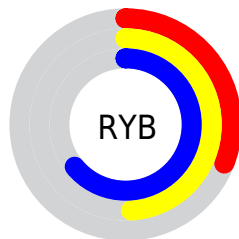
The CIELCh color **62, 28.769, 182.126** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **45, 37.032, 13.745**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 28.723, 182.327**, and **42, 28.990, 181.544** is the 20% darker color. If you saturate the color by 10%, you get **61, 32.847, 181.043**, and if you desaturate by 10%, it is **63, 24.059, 183.132**.

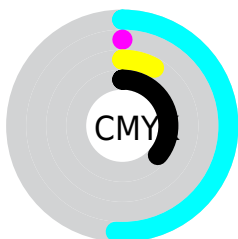
Distribution



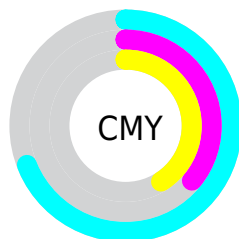
- Red (31%)
- Green (64%)
- Blue (59%)



- Red (31%)
- Yellow (49%)
- Blue (64%)



- Cyan (51%)
- Magenta (0%)
- Yellow (8%)
- Black (36%)




- Cyan (69%)
- Magenta (36%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 28.769, 182.126 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, 28.769, 182.126 by changing the saturation by 10% instead.

 62, 28.769,
182.126


 62, 28.769,
182.126


 100, 28.769,
182.126

 52, 28.769,
182.126


 82, 28.769,
182.126

 42, 28.769,
182.126

 92, 28.769,
182.126

 32, 28.769,
182.126

 22, 28.769,
182.126

 12, 28.769,
182.126

 2, 28.769, 182.126

 0, 28.769, 182.126

62, 28.769,
182.126

62, 28.769,
182.126

61, 32.847,
181.043

63, 24.059,
183.132

61, 36.226,
179.868

64, 18.807,
184.083

61, 38.874,
178.579

65, 13.115,
184.994

60, 40.813,
177.157

66, 7.086, 185.887

60, 42.100,
175.848

67, 0.816, 187.210

69, 5.610, 7.387

70, 12.122, 8.218

72, 18.662, 8.998

73, 25.185, 9.752

Harmonies

Complementary

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



62, 28.769, 182.126



45, 37.032, 13.745

Rectangle

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



62, 28.769, 182.126



62, 28.769, 232.126



62, 28.769, 2.126



62, 28.769, 52.126

Sweetspot

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



62, 28.769, 182.124



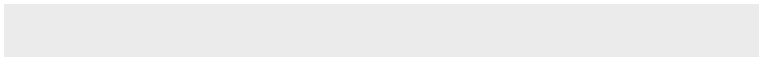
83, 11.636, 185.529



61, 53.321, 136.697



44, 7.895, 185.352



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, 28.769, 182.124



78, 40.950, 180.829



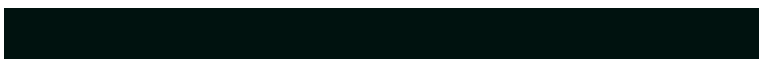
54, 23.042, 243.123



34, 3.552, 186.072



54, 38.496, 176.020



4, 5.700, 183.609

Inverse Universe

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



45, 37.032, 13.745



53, 56.109, 16.816



51, 31.293, 52.313



32, 3.700, 7.511



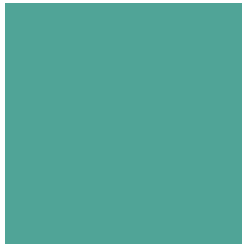
30, 62.334, 31.575



1, 5.591, 7.916

Previews

White Background



This preview shows how the CIELCh color 62, 28.769, 182.126 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, 28.769, 182.126 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, 28.769, 182.126

Background



This preview shows how black text looks on a background with the CIELCh color 62, 28.769, 182.126.

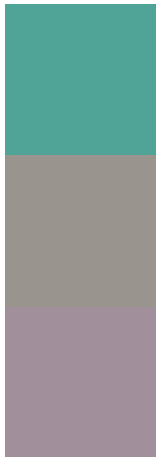


This preview shows how white text looks on a background with the CIELCh color 62, 28.769, 182.126.

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, 28.769, 182.126

Protanopia
62, 3.881, 79.230

Deuteranopia
62, 9.038, 337.222



Tritanopia
62, 23.633, 215.750

Trichromacy



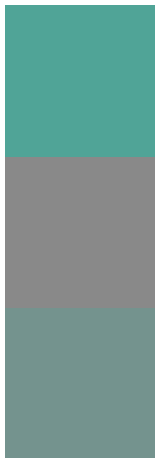
Original Color
62, 28.769, 182.126

Protanomaly
61, 11.770, 172.842

Deuteranomaly
61, 7.471, 207.488

Tritanomaly
62, 24.500, 202.652

Monochromacy



Original Color
62, 28.769, 182.126

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 11.941, 184.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 28.769, 182.126 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(80, 164, 151)` looks like.

```
.text, #text, p{  
    color:rgb(80, 164, 151)  
}
```

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(80, 164, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 164, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 28.769, 182.126 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(80, 164, 151) }
```

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

```
.border{ border-color:rgb(80, 164, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 164, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 164, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 164, 151);  
box-shadow:4px 4px 4px 4px rgb(80, 164,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 28.769, 182.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 164, 151) }
```

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

```
.background{ background-color: rgb(80, 164,  
151) }
```

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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