

Converting Colors

CIELCh(61, 27.899, 182.573)

Have a look what the booklet for
CIELCh(61, 27.899, 182.573)
contains.

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Color

CIELCh(61, 27.825, 182.815)

Conversions

Conversions Part 1

Format	Color
Hex	50A195
RGB	80, 161, 149
RGB Percent	31%, 63%, 58%
CMY	0.6874, 0.3697, 0.4167
CMYK	0.50, 0.00, 0.07, 0.37
HSL	171°, 34%, 47%
HSV	171°, 50%, 63%
XYZ	21.3845, 29.2481, 32.8398
YIQ	135.4130, -44.4240, -20.9040

Conversions

Conversions Part 2

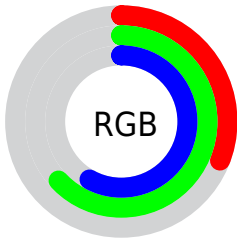
Format	Color
RYB	80, 124, 161
Decimal	5284245
CIELab	61.00, -27.79, -1.37
CIELCh	61, 27.825, 182.815
Yxy	29.2481, 0.2562, 0.3504
Android (android.graphics.Color)	4283474325 (0xFF50A195)
YUV	135.4130, 6.6984, -48.5972
Hunter-Lab	54.0815, -24.0616, 1.8546

Details

The CIELCh color **61, 27.825, 182.815** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **44, 35.810, 14.037**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 27.746, 182.937**, and **41, 27.973, 182.273** is the 20% darker color. If you saturate the color by 10%, you get **60, 31.867, 181.765**, and if you desaturate by 10%, it is **62, 23.166, 183.794**.

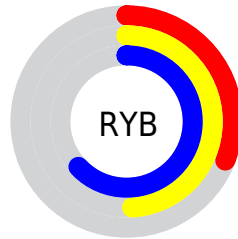
Distribution



Red (31%)

Green (63%)

Blue (58%)



Red (31%)

Yellow (49%)

Blue (63%)

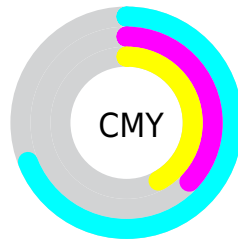


Cyan (50%)

Magenta (0%)

Yellow (7%)

Black (37%)



Cyan (69%)


Magenta (37%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 27.825, 182.815 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 61, 27.825, 182.815 by changing the saturation by 10% instead.


 61, 27.825,
182.815


 61, 27.825,
182.815


 100, 27.825,
182.815


 51, 27.825,
182.815


 81, 27.825,
182.815

 41, 27.825,
182.815

 91, 27.825,
182.815

 31, 27.825,
182.815

 21, 27.825,
182.815

 11, 27.825,
182.815

 1, 27.825, 182.815

 0, 27.825, 182.815

61, 27.825,
182.815

61, 27.825,
182.815

60, 31.867,
181.765

62, 23.166,
183.794

60, 35.223,
180.630

63, 17.979,
184.724

60, 37.860,
179.387

64, 12.365,
185.618

59, 39.793,
178.019

65, 6.424, 186.501

59, 41.173,
176.623

66, 0.249, 189.048

67, 6.078, 7.982

69, 12.487, 8.800

71, 18.923, 9.573

72, 25.344, 10.321

Harmonies

Complementary

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



61, 27.825, 182.815



44, 35.810, 14.037

Rectangle

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



61, 27.825, 182.815



61, 27.825, 232.815



61, 27.825, 2.815



61, 27.825, 52.815

Sweetspot

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



61, 27.825, 182.813



82, 11.380, 186.068



60, 51.925, 137.169



43, 7.719, 185.895



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 27.825, 182.813



77, 39.076, 181.685



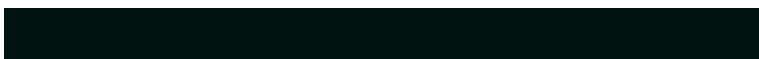
53, 22.596, 245.332



34, 3.543, 186.603



54, 38.190, 176.765



4, 5.682, 184.214

Inverse Universe

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



44, 35.810, 14.037



53, 53.292, 16.708



51, 30.065, 54.025



32, 3.693, 8.029



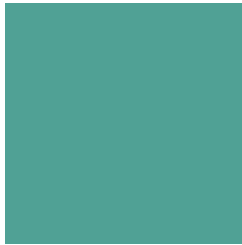
30, 62.604, 32.020



1, 5.581, 8.395

Previews

White Background



This preview shows how the CIE LCh color 61, 27.825, 182.815 looks on a white background.

Color Contrast Check

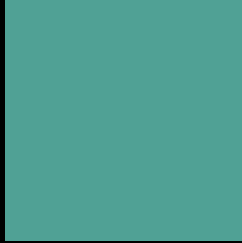
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 27.825, 182.815 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 × Fail

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

CIELCh 61, 27.825, 182.815

Background



This preview shows how black text looks on a background with the CIELCh color 61, 27.825, 182.815.

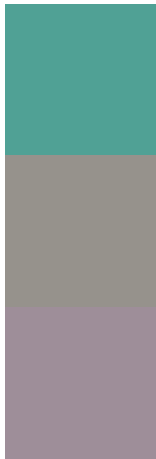


This preview shows how white text looks on a background with the CIELCh color 61, 27.825, 182.815.

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
61, 27.825, 182.815

Protanopia
61, 3.707, 84.539

Deuteranopia
61, 8.782, 335.449



Tritanopia
61, 23.092, 214.759

Trichromacy



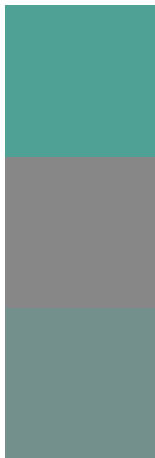
Original Color
61, 27.825, 182.815

Protanomaly
60, 11.212, 174.601

Deuteranomaly
60, 7.132, 207.953

Tritanomaly
61, 24.063, 201.408

Monochromacy



Original Color
61, 27.825, 182.815

Achromatopsia
56, 0.007, 296.813

Achromatomaly
58, 11.120, 186.492

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 27.825, 182.815 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, 161, 149)` looks like.

```
.text, #text, p{  
    color:rgb(80, 161, 149)  
}
```

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, 161, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 161, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 27.825, 182.815 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, 161, 149) }
```

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

```
.border{ border-color:rgb(80, 161, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 161, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 161, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 161, 149);  
box-shadow:4px 4px 4px 4px rgb(80, 161,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 27.825, 182.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 161, 149) }
```

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

```
.background{ background-color: rgb(80, 161,  
149) }
```

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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