

Converting Colors

CIELCh(61, 26.978, 197.037)

Have a look what the booklet for
CIELCh(61, 26.978, 197.037)
contains.

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Color

CIELCh(61, 26.875, 197.086)

Conversions

Conversions Part 1

Format	Color
Hex	4AA0A0
RGB	74, 160, 160
RGB Percent	29%, 63%, 63%
CMY	0.7087, 0.3715, 0.3715
CMYK	0.54, 0.00, 0.00, 0.37
HSL	180°, 37%, 46%
HSV	180°, 54%, 63%
XYZ	21.8312, 29.2481, 37.8733
YIQ	134.2860, -51.2560, -18.2320

Conversions

Conversions Part 2

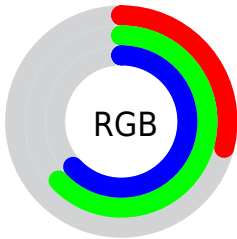
Format	Color
RYB	74, 117, 160
Decimal	4890784
CIELab	61.00, -25.69, -7.90
CIElCh	61, 26.875, 197.086
Yxy	29.2481, 0.2454, 0.3288
Android (android.graphics.Color)	4283080864 (0xFF4AA0A0)
YUV	134.2860, 12.6770, -52.8708
Hunter-Lab	54.0815, -22.5874, -3.6636

Details

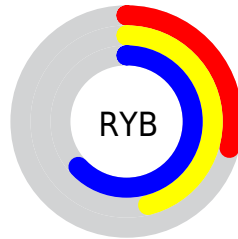
The CIELCh color **61, 26.875, 197.086** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **43, 39.573, 25.693**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 26.919, 197.532**, and **41, 26.467, 197.747** is the 20% darker color. If you saturate the color by 10%, you get **61, 30.007, 196.823**, and if you desaturate by 10%, it is **62, 23.039, 197.408**.

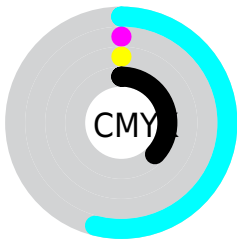
Distribution



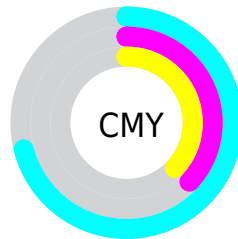
- Red (29%)
- Green (63%)
- Blue (63%)



- Red (29%)
- Yellow (46%)
- Blue (63%)



- Cyan (54%)
- Magenta (0%)
- Yellow (0%)
- Black (37%)





- Cyan (71%)
- Magenta (37%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 26.875, 197.086 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, 26.875, 197.086 by changing the saturation by 10% instead.


 61, 26.875,
197.086


 61, 26.875,
197.086


 100, 26.875,
197.086


 51, 26.875,
197.086


 81, 26.875,
197.086

 41, 26.875,
197.086

 91, 26.875,
197.086

 31, 26.875,
197.086

 21, 26.875,
197.086

 11, 26.875,
197.086

 1, 26.875, 197.086

 0, 26.875, 197.086

61, 26.875,
197.086

61, 26.875,
197.086

61, 30.007,
196.823

62, 23.039,
197.408

60, 32.397,
196.626

62, 18.566,
197.793

60, 34.048,
196.491

63, 13.540,
198.236

60, 35.007,
196.413

64, 8.055, 198.741

60, 35.414,
196.380

66, 2.205, 199.416

67, 3.922, 19.638

68, 10.247, 20.290

70, 16.704, 20.904

71, 23.238, 21.521

Harmonies

Complementary

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



61, 26.875, 197.086



43, 39.573, 25.693

Rectangle

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



61, 26.875, 197.086



61, 26.875, 247.086



61, 26.875, 17.086



61, 26.875, 67.086

Sweetspot

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



61, 26.875, 197.084



82, 11.641, 198.600



59, 56.952, 139.750



43, 7.799, 198.502



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, 26.875, 197.084



77, 37.083, 196.788



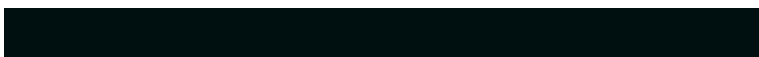
48, 27.177, 263.771



33, 3.339, 198.993



54, 32.545, 196.380



3, 4.473, 199.417

Inverse Universe

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



43, 39.573, 25.693



51, 60.076, 28.603



52, 32.232, 67.170



31, 3.535, 19.896



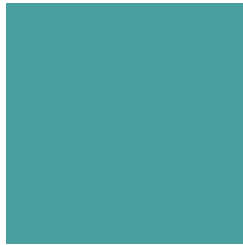
29, 67.090, 39.159



1, 4.473, 19.401

Previews

White Background



This preview shows how the CIELCh color 61, 26.875, 197.086 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, 26.875, 197.086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

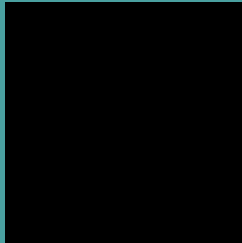
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

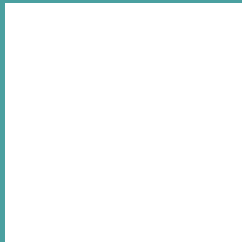
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 26.875, 197.086

Background



This preview shows how black text looks on a background with the CIELCh color 61, 26.875, 197.086.

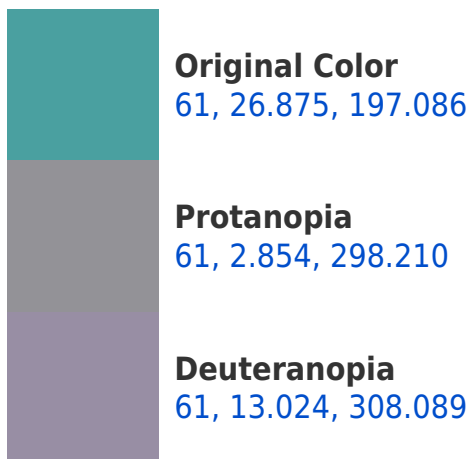


This preview shows how white text looks on a background with the CIELCh color 61, 26.875, 197.086.

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
61, 25.313, 213.033

Trichromacy



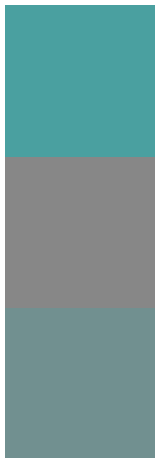
Original Color
61, 26.875, 197.086

Protanomaly
60, 10.955, 207.399

Deuteranomaly
60, 11.677, 241.607

Tritanomaly
61, 25.476, 207.591

Monochromacy



Original Color
61, 26.875, 197.086

Achromatopsia
56, 0.007, 296.813

Achromatomaly
58, 11.381, 198.351

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 26.875, 197.086 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(74, 160, 160)` looks like.

```
.text, #text, p{  
    color:rgb(74, 160, 160)  
}
```

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(74, 160, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 160, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 26.875, 197.086 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(74, 160, 160) }
```

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

```
.border{ border-color:rgb(74, 160, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 160, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 160, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 160, 160);  
box-shadow:4px 4px 4px 4px rgb(74, 160,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 26.875, 197.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 160, 160) }
```

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

```
.background{ background-color: rgb(74, 160,  
160) }
```

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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