

Converting Colors

CIELCh(60, 27.494, 212.327)

Have a look what the booklet for
CIELCh(60, 27.494, 212.327)
contains.

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Color

CIELCh(60, 27.437, 212.910)

Conversions

Conversions Part 1

Format	Color
Hex	419DAA
RGB	65, 157, 170
RGB Percent	25%, 62%, 67%
CMY	0.7453, 0.3845, 0.3335
CMYK	0.62, 0.08, 0.00, 0.33
HSL	187°, 45%, 46%
HSV	187°, 62%, 67%
XYZ	21.4790, 28.1233, 42.3065
YIQ	130.9740, -59.0050, -15.4610

Conversions

Conversions Part 2

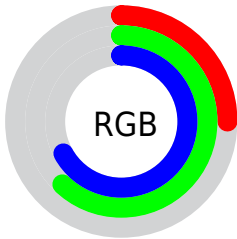
Format	Color
R_{YB}	65, 114, 170
Decimal	4300202
CIE _{Lab}	60.00, -23.03, -14.91
CIE _{LCh}	60, 27.437, 212.910
Yxy	28.1233, 0.2337, 0.3060
Android (android.graphics.Color)	4282490282 (0xFF419DAA)
YUV	130.9740, 19.2398, -57.8592
Hunter-Lab	53.0314, -20.5084, -10.1774

Details

The CIELCh color `60, 27.437, 212.910` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `45, 44.878, 35.068`, and the grayscale version is `55, 0.007, 296.813`.

A 20% lighter version of the original color is `80, 27.388, 212.418`, and `40, 25.147, 215.394` is the 20% darker color. If you saturate the color by 10%, you get `59, 29.717, 213.985`, and if you desaturate by 10%, it is `61, 24.435, 212.124`.

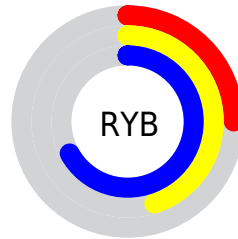
Distribution



Red (25%)

Green (62%)

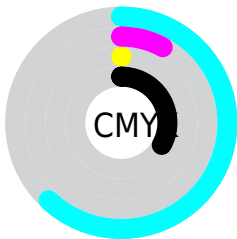
Blue (67%)



Red (25%)

Yellow (45%)

Blue (67%)

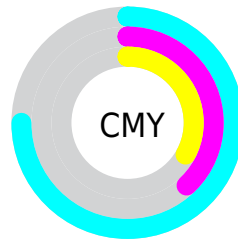


Cyan (62%)

Magenta (8%)

Yellow (0%)

Black (33%)



Cyan (75%)


Magenta (38%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 27.437, 212.910 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 60, 27.437, 212.910 by changing the saturation by 10% instead.


 60, 27.437,
212.910


 60, 27.437,
212.910


 100, 27.437,
212.910


 50, 27.437,
212.910


 80, 27.437,
212.910

 40, 27.437,
212.910

 90, 27.437,
212.910

 30, 27.437,
212.910

 20, 27.437,
212.910

 10, 27.437,
212.910

 0, 27.437, 212.910

 60, 27.437,

 60, 27.437,

212.910

212.910

■ 59, 29.717,
213.985

■ 61, 24.435,
212.124

■ 58, 31.262,
215.403

■ 63, 20.763,
211.584

■ 57, 32.110,
217.209

■ 64, 16.498,
211.245

■ 56, 32.458,
218.923

■ 66, 11.725,
211.075

■ 67, 6.535, 211.055

■ 69, 1.012, 211.515

■ 71, 4.766, 31.055

■ 73, 10.735, 31.302

■ 75, 16.840, 31.553

Harmonies

Complementary

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



60, 27.437, 212.910



45, 44.878, 35.068

Rectangle

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



60, 27.437, 212.910



60, 27.437, 262.910



60, 27.437, 32.910



60, 27.437, 82.910

Sweetspot

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



60, 27.436, 212.909



84, 12.804, 211.056



62, 62.888, 142.106



44, 8.803, 211.078



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



60, 27.436, 212.909



75, 37.024, 214.448



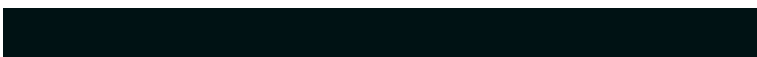
44, 39.492, 279.492



35, 3.135, 211.079



49, 29.326, 218.633



4, 5.682, 215.749

Inverse Universe

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



45, 61.589, 331.638



55, 85.962, 332.408



57, 41.208, 78.588



33, 5.905, 328.514



34, 69.992, 333.754



2, 10.392, 329.403

Previews

White Background



This preview shows how the CIE LCh color 60, 27.437, 212.910 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 60, 27.437, 212.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

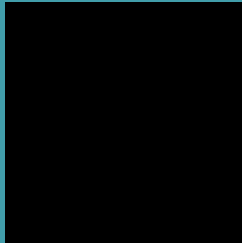
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 27.437, 212.910

Background



This preview shows how black text looks on a background with the CIELCh color 60, 27.437, 212.910.

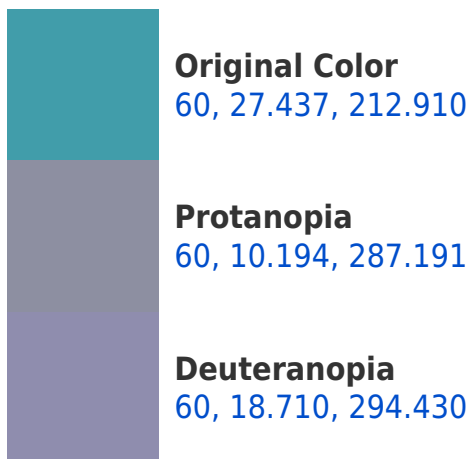


This preview shows how white text looks on a background with the CIELCh color 60, 27.437, 212.910.

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
60, 27.437, 212.910

Trichromacy



Original Color
60, 27.437, 212.910



Protanomaly
59, 14.801, 236.512



Deuteranomaly
59, 17.859, 254.726



Tritanomaly
60, 27.437, 212.910

Monochromacy



Original Color
60, 27.437, 212.910



Achromatopsia
55, 0.007, 296.813



Achromatomaly
56, 12.148, 212.045

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 27.437, 212.910 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(65, 157, 170)` looks like.

```
.text, #text, p{  
    color:rgb(65, 157, 170)  
}
```

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(65, 157, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 157, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 27.437, 212.910 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(65, 157, 170) }
```

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

```
.border{ border-color:rgb(65, 157, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 157, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 157, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 157, 170);  
box-shadow:4px 4px 4px 4px rgb(65, 157,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 27.437, 212.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 157, 170) }
```

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

```
.background{ background-color: rgb(65, 157,  
170) }
```

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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