

Converting Colors

CIELCh(62, 29.356, 212.831)

Have a look what the booklet for
CIELCh(62, 29.356, 212.831)
contains.

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Color

CIELCh(62, 29.356, 212.831)

Conversions

Conversions Part 1

Format	Color
Hex	3DA3B1
RGB	61, 163, 177
RGB Percent	24%, 64%, 69%
CMY	0.7603, 0.3604, 0.3055
CMYK	0.65, 0.08, 0.00, 0.31
HSL	187°, 49%, 47%
HSV	187°, 65%, 69%
XYZ	22.9916, 30.4025, 46.3021
YIQ	134.0980, -65.2860, -17.2700

Conversions

Conversions Part 2

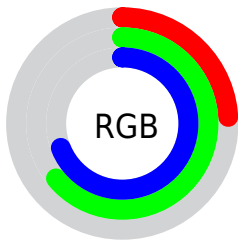
Format	Color
RYB	61, 115, 177
Decimal	4039601
CIELab	62.00, -24.67, -15.92
CIElCh	62, 29.356, 212.831
Yxy	30.4025, 0.2306, 0.3050
Android (android.graphics.Color)	4282229681 (0xFF3DA3B1)
YUV	134.0980, 21.1507, -64.1069
Hunter-Lab	55.1385, -22.0616, -11.1913

Details

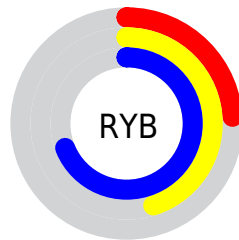
The CIELCh color **62, 29.356, 212.831** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **45, 49.870, 35.485**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 29.324, 213.455**, and **42, 26.143, 214.462** is the 20% darker color. If you saturate the color by 10%, you get **61, 31.415, 213.997**, and if you desaturate by 10%, it is **63, 26.533, 211.968**.

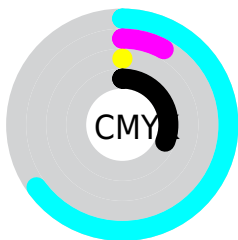
Distribution



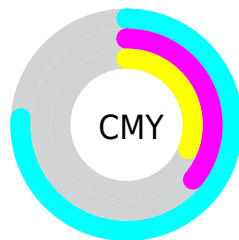
- Red (24%)
- Green (64%)
- Blue (69%)



- Red (24%)
- Yellow (45%)
- Blue (69%)



- Cyan (65%)
- Magenta (8%)
- Yellow (0%)
- Black (31%)





- Cyan (76%)
- Magenta (36%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 29.356, 212.831 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, 29.356, 212.831 by changing the saturation by 10% instead.


 62, 29.356,
212.831


 62, 29.356,
212.831


 100, 29.356,
212.831


 52, 29.356,
212.831


 82, 29.356,
212.831

 42, 29.356,
212.831

 92, 29.356,
212.831

 32, 29.356,
212.831

 22, 29.356,
212.831

 12, 29.356,
212.831

 2, 29.356, 212.831

 0, 29.356, 212.831

■ 62, 29.356,
212.831

■ 62, 29.356,
212.831

■ 61, 31.415,
213.997

■ 63, 26.533,
211.968

■ 60, 32.718,
215.519

■ 65, 22.990,
211.364

■ 59, 33.333,
217.432

■ 66, 18.795,
210.974

■ 59, 33.508,
218.361

■ 68, 14.037,
210.762

■ 69, 8.810, 210.701

■ 71, 3.205, 210.830

■ 73, 2.696, 30.599

■ 75, 8.818, 30.910

■ 77, 15.101, 31.166

Harmonies

Complementary

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



62, 29.356, 212.831



45, 49.870, 35.485

Rectangle

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



62, 29.356, 212.831



62, 29.356, 262.831



62, 29.356, 32.831



62, 29.356, 82.831

Sweetspot

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



62, 29.355, 212.830



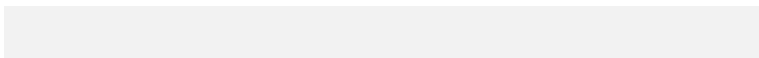
87, 13.841, 210.713



64, 68.224, 141.585



45, 9.348, 210.734



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



62, 29.355, 212.830



77, 39.016, 214.690



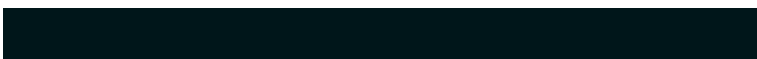
45, 43.391, 280.734



37, 3.299, 210.744



51, 30.106, 218.075



6, 7.845, 216.633

Inverse Universe

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



46, 66.610, 331.745



55, 91.485, 332.573



58, 45.193, 77.993



35, 6.213, 328.422



35, 71.900, 333.616



2, 14.377, 329.729

Previews

White Background



This preview shows how the CIELCh color 62, 29.356, 212.831 looks on a white background.

Color Contrast Check

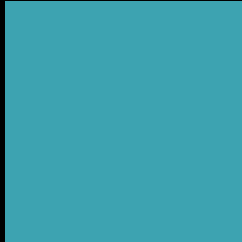
Large Text (above 18pt) WCAG AA × Fail

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, 29.356, 212.831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

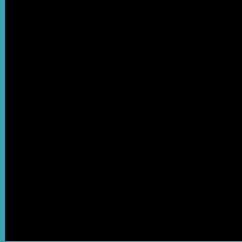
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 29.356, 212.831

Background



This preview shows how black text looks on a background with the CIELCh color 62, 29.356, 212.831.

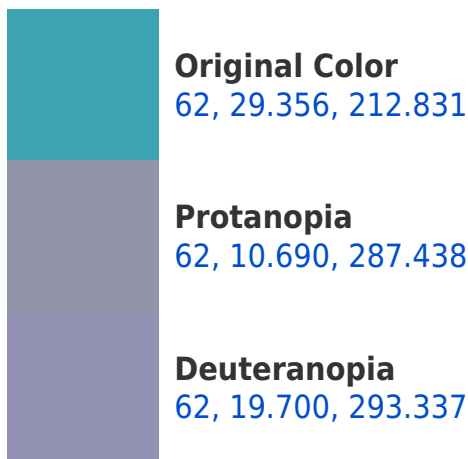



This preview shows how white text looks on a background with the CIELCh color 62, 29.356, 212.831.

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, 29.340, 211.672

Trichromacy



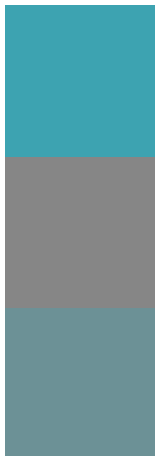
Original Color
62, 29.356, 212.831

Protanomaly
61, 16.075, 237.841

Deuteranomaly
61, 19.322, 253.836

Tritanomaly
62, 29.340, 211.672

Monochromacy



Original Color
62, 29.356, 212.831

Achromatopsia
56, 0.007, 296.813

Achromatomaly
58, 13.382, 210.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 29.356, 212.831 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(61, 163, 177)` looks like.

```
.text, #text, p{  
    color:rgb(61, 163, 177)  
}
```

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(61, 163, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 163, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 29.356, 212.831 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(61, 163, 177) }
```

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

```
.border{ border-color:rgb(61, 163, 177) }
```

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

Here you see how a box with a 4 pixel rgb(61, 163, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 163, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 163, 177);  
box-shadow:4px 4px 4px 4px rgb(61, 163,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 29.356, 212.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 163, 177) }
```

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

```
.background{ background-color: rgb(61, 163,  
177) }
```

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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