

Converting Colors

CIELCh(62, 29.192, 216.487)

Have a look what the booklet for
CIELCh(62, 29.192, 216.487)
contains.

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Color

CIELCh(62, 29.314, 216.410)

Conversions

Conversions Part 1

Format	Color
Hex	3EA3B4
RGB	62, 163, 180
RGB Percent	24%, 64%, 71%
CMY	0.7581, 0.3618, 0.2951
CMYK	0.66, 0.09, 0.00, 0.30
HSL	189°, 49%, 47%
HSV	189°, 66%, 70%
XYZ	23.2305, 30.4025, 47.6861
YIQ	134.7390, -65.6530, -16.1250

Conversions

Conversions Part 2

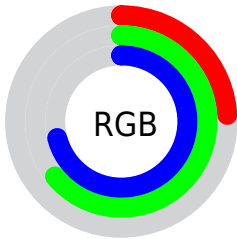
Format	Color
R _{YB}	62, 116, 180
Decimal	4105140
CIE _{Lab}	62.00, -23.59, -17.40
CIE _{LCh}	62, 29.314, 216.410
Y _{xy}	30.4025, 0.2293, 0.3001
Android (android.graphics.Color)	4282295220 (0xFF3EA3B4)
YUV	134.7390, 22.3137, -63.7921
Hunter-Lab	55.1385, -21.2881, -12.6796

Details

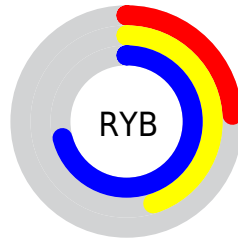
The CIELCh color **62, 29.314, 216.410** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **46, 49.951, 37.022**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 29.297, 216.815**, and **43, 26.251, 218.720** is the 20% darker color. If you saturate the color by 10%, you get **61, 31.381, 217.900**, and if you desaturate by 10%, it is **63, 26.496, 215.282**.

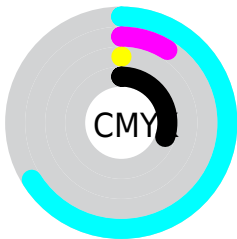
Distribution



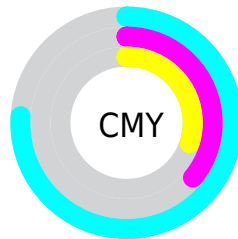
- Red (24%)
- Green (64%)
- Blue (71%)



- Red (24%)
- Yellow (45%)
- Blue (71%)



- Cyan (66%)
- Magenta (9%)
- Yellow (0%)
- Black (30%)





- Cyan (76%)
- Magenta (36%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 29.314, 216.410 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, 29.314, 216.410 by changing the saturation by 10% instead.


 62, 29.314,
216.410


 62, 29.314,
216.410


 100, 29.314,
216.410


 52, 29.314,
216.410


 82, 29.314,
216.410

 42, 29.314,
216.410


 92, 29.314,
216.410

 32, 29.314,
216.410

 22, 29.314,
216.410

 12, 29.314,
216.410

 2, 29.314, 216.410

 0, 29.314, 216.410

62, 29.314,
216.410

62, 29.314,
216.410

61, 31.381,
217.900

63, 26.496,
215.282

60, 32.707,
219.815

65, 22.965,
214.461

59, 33.370,
222.198

66, 18.792,
213.891

58, 33.568,
223.300

68, 14.062,
213.527

70, 8.868, 213.336

72, 3.300, 213.348

74, 2.562, 33.009

76, 8.646, 33.240

79, 14.891, 33.415

Harmonies

Complementary

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



62, 29.314, 216.410



46, 49.951, 37.022

Rectangle

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



62, 29.314, 216.410



62, 29.314, 266.410



62, 29.314, 36.410



62, 29.314, 86.410

Sweetspot

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



62, 29.313, 216.409



88, 13.846, 213.404



65, 68.449, 142.010



46, 9.353, 213.462



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



62, 29.313, 216.409



77, 39.174, 218.740



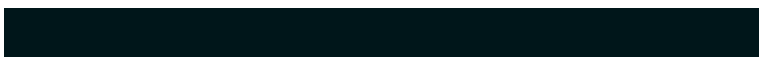
45, 45.186, 282.148



37, 3.241, 213.307



50, 29.822, 222.915



6, 7.705, 220.310

Inverse Universe

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



47, 66.496, 332.662



56, 91.579, 333.586



60, 46.212, 79.420



35, 6.113, 329.167



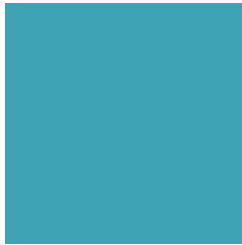
35, 70.633, 334.822



2, 14.053, 330.828

Previews

White Background



This preview shows how the CIELCh color 62, 29.314, 216.410 looks on a white background.

Color Contrast Check

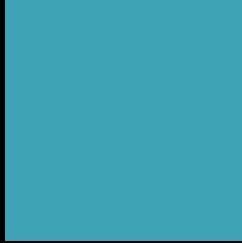
Large Text (above 18pt) WCAG AA × Fail

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, 29.314, 216.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

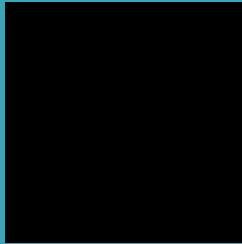
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 29.314, 216.410

Background



This preview shows how black text looks on a background with the CIELCh color 62, 29.314, 216.410.

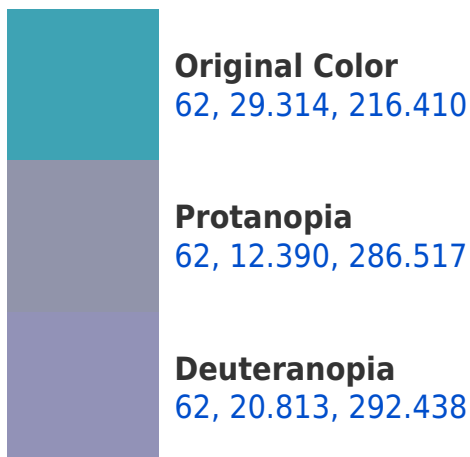


This preview shows how white text looks on a background with the CIELCh color 62, 29.314, 216.410.

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, 29.514, 212.733

Trichromacy



Original Color
62, 29.314, 216.410



Protanomaly
61, 17.036, 242.799



Deuteranomaly
61, 20.332, 255.377



Tritanomaly
62, 29.383, 213.988

Monochromacy



Original Color
62, 29.314, 216.410



Achromatopsia
56, 0.007, 296.813



Achromatomaly
57, 13.246, 215.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 29.314, 216.410 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(62, 163, 180)` looks like.

```
.text, #text, p{  
    color:rgb(62, 163, 180)  
}
```

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(62, 163, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 163, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 29.314, 216.410 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(62, 163, 180) }
```

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

```
.border{ border-color:rgb(62, 163, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 163, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 163, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 163, 180);  
box-shadow:4px 4px 4px 4px rgb(62, 163,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 29.314, 216.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 163, 180) }
```

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

```
.background{ background-color: rgb(62, 163,  
180) }
```

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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