

Converting Colors

CIELCh(62, 35.024, 190.006)

Have a look what the booklet for
CIELCh(62, 35.024, 190.006)
contains.

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Color

CIELCh(62, 34.726, 190.849)

Conversions

Conversions Part 1

Format	Color
Hex	29A6A0
RGB	41, 166, 160
RGB Percent	16%, 65%, 63%
CMY	0.8410, 0.3477, 0.3713
CMYK	0.76, 0.00, 0.04, 0.35
HSL	177°, 61%, 41%
HSV	177°, 76%, 65%
XYZ	20.9646, 30.4025, 38.1683
YIQ	127.9410, -72.5740, -28.3660

Conversions

Conversions Part 2

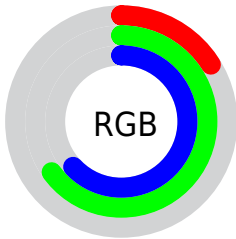
Format	Color
RYB	41, 105, 166
Decimal	2729632
CIELab	62.00, -34.11, -6.54
CIELCh	62, 34.726, 190.849
Yxy	30.4025, 0.2341, 0.3396
Android (android.graphics.Color)	4280919712 (0xFF29A6A0)
YUV	127.9410, 15.8051, -76.2473
Hunter-Lab	55.1385, -28.6235, -2.4451

Details


The CIELCh color **62, 34.726, 190.849** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **38, 58.053, 28.858**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 34.665, 190.827**, and **43, 28.245, 191.319** is the 20% darker color. If you saturate the color by 10%, you get **62, 36.457, 190.258**, and if you desaturate by 10%, it is **62, 32.235, 191.427**.

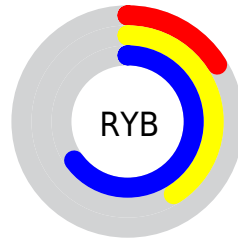
Distribution



 Red (16%)

 Green (65%)

 Blue (63%)




 Red (16%)

 Yellow (41%)

 Blue (65%)

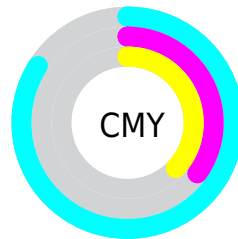


 Cyan (76%)

 Magenta (0%)

 Yellow (4%)

 Black (35%)



 Cyan (84%)


 Magenta (35%)


 Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 34.726, 190.849 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, 34.726, 190.849 by changing the saturation by 10% instead.


 62, 34.726,
190.849

 62, 34.726,
190.849


 100, 34.726,
190.849


 52, 34.726,
190.849


 82, 34.726,
190.849

 42, 34.726,
190.849

 92, 34.726,
190.849

 32, 34.726,
190.849

 22, 34.726,
190.849

 12, 34.726,
190.849

 2, 34.726, 190.849

 0, 34.726, 190.849

■ 62, 34.726,
190.849

■ 62, 34.726,
190.849

■ 62, 36.457,
190.258

■ 62, 32.235,
191.427

■ 62, 37.494,
189.645

■ 63, 28.982,
192.006

■ 62, 37.850,
189.376

■ 64, 25.006,
192.594

■ 64, 20.376,
193.198

■ 65, 15.184,
193.821

■ 66, 9.529, 194.471

■ 68, 3.511, 195.202

■ 69, 2.777, 15.554

Harmonies

Complementary

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



62, 34.726, 190.849



38, 58.053, 28.858

Rectangle

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



62, 34.726, 190.849



62, 34.726, 240.849



62, 34.726, 10.849



62, 34.726, 60.849

Sweetspot

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



62, 34.726, 190.848



83, 17.018, 193.962



60, 76.524, 137.014



44, 11.743, 193.739



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



62, 34.726, 190.848



79, 45.369, 189.828



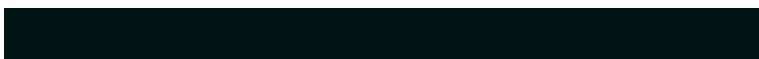
45, 36.579, 267.427



35, 3.536, 194.911



55, 34.708, 189.441



5, 6.611, 193.898

Inverse Universe

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



38, 58.053, 28.858



46, 85.147, 35.541



48, 48.763, 61.285



33, 3.727, 16.038



30, 67.338, 37.428



1, 6.589, 15.987

Previews

White Background



This preview shows how the CIELCh color 62, 34.726, 190.849 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, 34.726, 190.849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

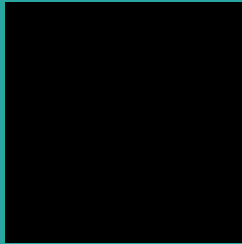
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 34.726, 190.849

Background



This preview shows how black text looks on a background with the CIELCh color 62, 34.726, 190.849.

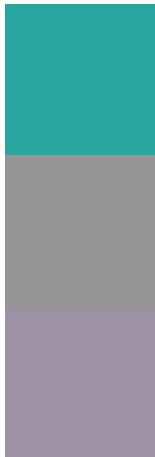


This preview shows how white text looks on a background with the CIELCh color 62, 34.726, 190.849.

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

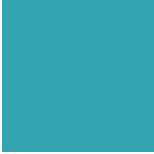
62, 34.608, 190.840

Protanopia

62, 1.299, 353.576

Deuteranopia

62, 12.031, 311.303



Tritanopia
62, 30.873, 210.814

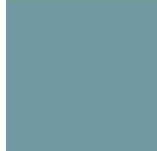
Trichromacy



Original Color
62, 34.608, 190.840



Protanomaly
61, 15.731, 193.865



Deuteranomaly
61, 14.475, 221.374

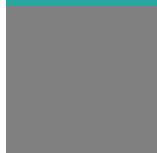


Tritanomaly
62, 31.897, 202.923

Monochromacy



Original Color
62, 34.608, 190.840



Achromatopsia
54, 0.007, 296.813



Achromatomaly
56, 16.483, 193.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 34.726, 190.849 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(41, 166, 160)` looks like.

```
.text, #text, p{  
    color:rgb(41, 166, 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(41, 166, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 166, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 34.726, 190.849 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(41, 166, 160) }
```

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

```
.border{ border-color:rgb(41, 166, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 166, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 166, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 166, 160);  
box-shadow:4px 4px 4px 4px rgb(41, 166,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 34.726, 190.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 166, 160) }
```

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

```
.background{ background-color: rgb(41, 166,  
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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