

Converting Colors

CIELCh(62, 36.230, 185.509)

Have a look what the booklet for
CIELCh(62, 36.230, 185.509)
contains.

CIELCh(62, 36.295, 185.549)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 36.295, 185.549)

Conversions

Conversions Part 1

Format	Color
Hex	27A79B
RGB	39, 167, 155
RGB Percent	15%, 65%, 61%
CMY	0.8475, 0.3454, 0.3924
CMYK	0.77, 0.00, 0.07, 0.35
HSL	174°, 62%, 40%
HSV	174°, 77%, 65%
XYZ	20.5470, 30.4025, 35.7631
YIQ	127.3600, -72.4360, -30.8680

Conversions

Conversions Part 2

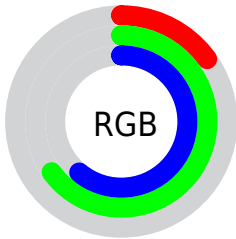
Format	Color
RYB	39, 106, 167
Decimal	2598811
CIELab	62.00, -36.12, -3.51
CIElCh	62, 36.295, 185.549
Yxy	30.4025, 0.2370, 0.3506
Android (android.graphics.Color)	4280788891 (0xFF27A79B)
YUV	127.3600, 13.6265, -77.4917
Hunter-Lab	55.1385, -29.9756, 0.1411

Details

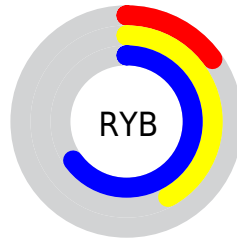
The CIELCh color **62, 36.295, 185.549** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **38, 57.671, 26.075**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 36.575, 185.095**, and **43, 29.861, 184.347** is the 20% darker color. If you saturate the color by 10%, you get **62, 38.193, 184.574**, and if you desaturate by 10%, it is **62, 33.644, 186.452**.

Distribution



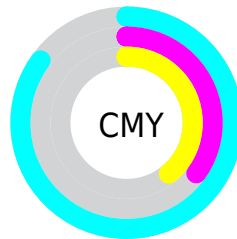
- Red (15%)
- Green (65%)
- Blue (61%)



- Red (15%)
- Yellow (42%)
- Blue (65%)



- Cyan (77%)
- Magenta (0%)
- Yellow (7%)
- Black (35%)





- Cyan (85%)
- Magenta (35%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 36.295, 185.549 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, 36.295, 185.549 by changing the saturation by 10% instead.


 62, 36.295,
185.549


 62, 36.295,
185.549


 100, 36.295,
185.549


 52, 36.295,
185.549


 82, 36.295,
185.549

 42, 36.295,
185.549

 92, 36.295,
185.549

 32, 36.295,
185.549

 22, 36.295,
185.549

 12, 36.295,
185.549

 2, 36.295, 185.549

 0, 36.295, 185.549

■ 62, 36.295,
185.549

■ 62, 36.295,
185.549

■ 62, 38.193,
184.574

■ 62, 33.644,
186.452

■ 62, 39.420,
183.520

■ 63, 30.239,
187.303

■ 62, 39.771,
183.172

■ 64, 26.120,
188.117

■ 64, 21.362,
188.907

■ 65, 16.059,
189.683

■ 66, 10.312,
190.456

■ 68, 4.224, 191.271

■ 69, 2.112, 11.681

Harmonies

Complementary

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



62, 36.295, 185.549



38, 57.671, 26.075

Rectangle

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



62, 36.295, 185.549



62, 36.295, 235.549



62, 36.295, 5.549



62, 36.295, 55.549

Sweetspot

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



62, 36.295, 185.548



83, 17.266, 189.937



60, 76.705, 136.216



44, 11.927, 189.667



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, 36.295, 185.548



78, 47.496, 183.846



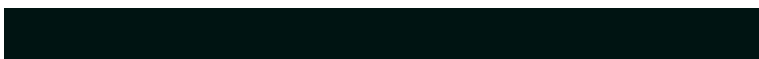
46, 34.444, 261.224



35, 3.572, 191.048



55, 36.352, 183.291



5, 6.701, 188.890

Inverse Universe

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



38, 57.671, 26.075



46, 83.466, 33.360



47, 50.218, 56.781



33, 3.746, 12.338



30, 65.692, 35.352



1, 6.627, 12.725

Previews

White Background



This preview shows how the CIELCh color 62, 36.295, 185.549 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, 36.295, 185.549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

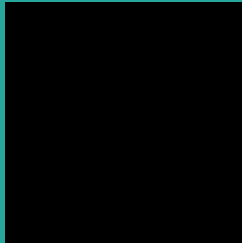
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 36.295, 185.549

Background



This preview shows how black text looks on a background with the CIELCh color 62, 36.295, 185.549.

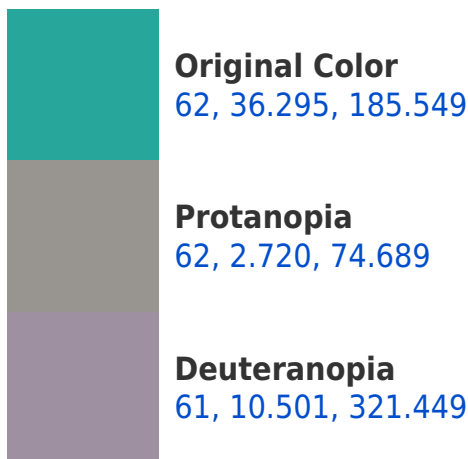


This preview shows how white text looks on a background with the CIELCh color 62, 36.295, 185.549.

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](#).

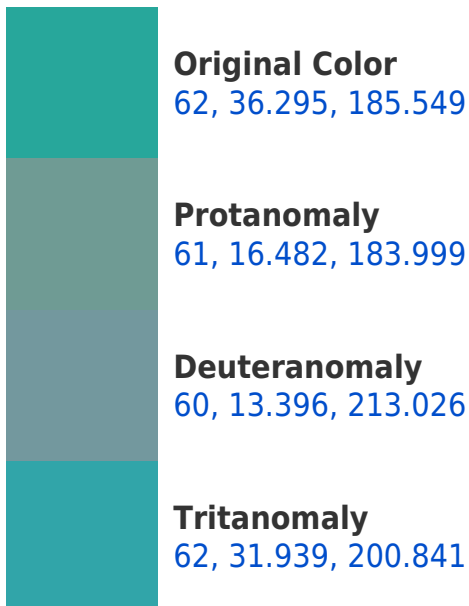
Dichromacy





Tritanopia
62, 30.595, 210.963

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 36.295, 185.549 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(39, 167, 155)` looks like.

```
.text, #text, p{  
    color:rgb(39, 167, 155)  
}
```

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(39, 167, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 167, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 36.295, 185.549 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(39, 167, 155) }
```

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

```
.border{ border-color:rgb(39, 167, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 167, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 167, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 167, 155);  
box-shadow:4px 4px 4px 4px rgb(39, 167,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 36.295, 185.549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 167, 155) }
```

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

```
.background{ background-color: rgb(39, 167,  
155) }
```

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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