

Converting Colors

CIELCh(62, 35.679, 190.272)

Have a look what the booklet for
CIELCh(62, 35.679, 190.272)
contains.

CIELCh(62, 35.747, 190.028)	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, 35.747, 190.028)

Conversions

Conversions Part 1

Format	Color
Hex	22A7A0
RGB	34, 167, 160
RGB Percent	13%, 65%, 63%
CMY	0.8685, 0.3461, 0.3735
CMYK	0.80, 0.00, 0.04, 0.35
HSL	177°, 67%, 39%
HSV	177°, 80%, 65%
XYZ	20.7374, 30.4025, 37.9158
YIQ	126.4350, -77.0210, -30.3730

Conversions

Conversions Part 2

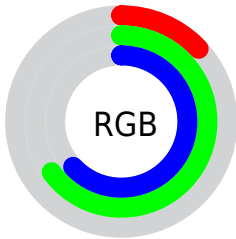
Format	Color
RYB	34, 102, 167
Decimal	2271136
CIELab	62.00, -35.20, -6.22
CIELCh	62, 35.747, 190.028
Yxy	30.4025, 0.2329, 0.3414
Android (android.graphics.Color)	4280461216 (0xFF22A7A0)
YUV	126.4350, 16.5475, -81.0655
Hunter-Lab	55.1385, -29.3592, -2.1737

Details

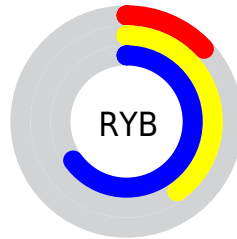
The CIELCh color **62, 35.747, 190.028** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **37, 61.241, 30.164**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 35.883, 190.106**, and **43, 28.631, 190.143** is the 20% darker color. If you saturate the color by 10%, you get **62, 37.192, 189.383**, and if you desaturate by 10%, it is **62, 33.557, 190.648**.

Distribution



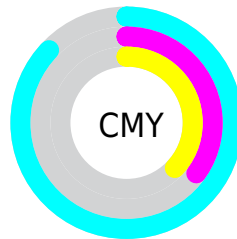
- Red (13%)
- Green (65%)
- Blue (63%)



- Red (13%)
- Yellow (40%)
- Blue (65%)



- Cyan (80%)
- Magenta (0%)
- Yellow (4%)
- Black (35%)





- Cyan (87%)
- Magenta (35%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 35.747, 190.028 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, 35.747, 190.028 by changing the saturation by 10% instead.


 62, 35.747,
190.028


 62, 35.747,
190.028


 100, 35.747,
190.028


 52, 35.747,
190.028


 82, 35.747,
190.028

 42, 35.747,
190.028

 92, 35.747,
190.028

 32, 35.747,
190.028

 22, 35.747,
190.028

 12, 35.747,
190.028

 2, 35.747, 190.028

 0, 35.747, 190.028

■ 62, 35.747,
190.028

■ 62, 35.747,
190.028

■ 62, 37.192,
189.383

■ 62, 33.557,
190.648

■ 62, 38.081,
188.715

■ 63, 30.600,
191.258

■ 62, 38.090,
188.708

■ 63, 26.898,
191.869

■ 64, 22.510,
192.488

■ 65, 17.521,
193.121

■ 66, 12.028,
193.773

■ 67, 6.133, 194.464

■ 68, 0.069, 8.179

Harmonies

Complementary

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



62, 35.747, 190.028



37, 61.241, 30.164

Rectangle

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



62, 35.747, 190.028



62, 35.747, 240.028



62, 35.747, 10.028



62, 35.747, 60.028

Sweetspot

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



62, 35.747, 190.027



83, 17.726, 193.474



60, 79.106, 136.481



44, 12.141, 193.251



94, 0.011, 296.813



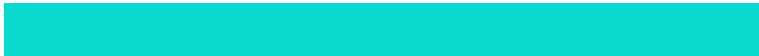
46, 0.006, 296.813

Same Dimension

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



62, 35.747, 190.027



78, 46.029, 188.852



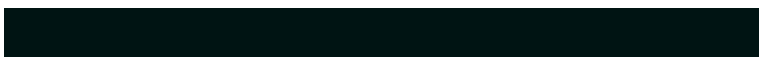
44, 37.442, 267.085



35, 3.539, 194.509



55, 34.862, 188.780



5, 6.618, 193.365

Inverse Universe

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



37, 61.241, 30.164



46, 88.194, 37.152



47, 52.002, 59.263



33, 3.728, 15.654



30, 67.174, 37.231



1, 6.592, 15.648

Previews

White Background



This preview shows how the CIELCh color 62, 35.747, 190.028 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, 35.747, 190.028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

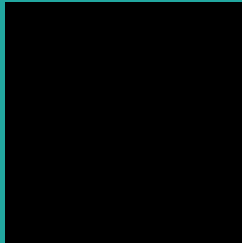
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 35.747, 190.028

Background



This preview shows how black text looks on a background with the CIELCh color 62, 35.747, 190.028.



This preview shows how white text looks on a background with the CIELCh color 62, 35.747, 190.028.

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



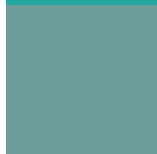


Tritanopia
62, 31.399, 210.540

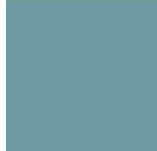
Trichromacy



Original Color
62, 35.747, 190.028



Protanomaly
61, 16.678, 194.011



Deuteranomaly
61, 15.337, 219.945

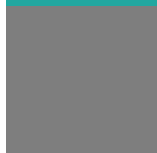


Tritanomaly
62, 32.525, 202.756

Monochromacy



Original Color
62, 35.747, 190.028



Achromatopsia
53, 0.007, 296.813



Achromatomaly
55, 17.539, 192.040

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 35.747, 190.028 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(34, 167, 160)` looks like.

```
.text, #text, p{  
    color:rgb(34, 167, 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(34, 167, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 167, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 35.747, 190.028 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(34, 167, 160) }
```

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

```
.border{ border-color:rgb(34, 167, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 167, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 167, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 167, 160);  
box-shadow:4px 4px 4px 4px rgb(34, 167,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 35.747, 190.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 167, 160) }
```

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

```
.background{ background-color: rgb(34, 167,  
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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