

Converting Colors

CIELCh(62, 34.998, 198.371)

Have a look what the booklet for
CIELCh(62, 34.998, 198.371)
contains.

CIELCh(62, 34.929, 198.380)	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, 34.929, 198.380)

Conversions

Conversions Part 1

Format	Color
Hex	19A6A8
RGB	25, 166, 168
RGB Percent	10%, 65%, 66%
CMY	0.9034, 0.3480, 0.3402
CMYK	0.85, 0.01, 0.00, 0.34
HSL	181°, 74%, 38%
HSV	181°, 85%, 66%
XYZ	21.1648, 30.4025, 41.9206
YIQ	124.0690, -84.6780, -29.2700

Conversions

Conversions Part 2

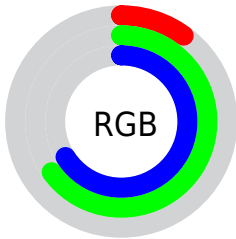
Format	Color
R_{YB}	25, 96, 168
Decimal	1681064
CIE _{Lab}	62.00, -33.15, -11.01
CIE _{LCh}	62, 34.929, 198.380
Yxy	30.4025, 0.2264, 0.3252
Android (android.graphics.Color)	4279871144 (0xFF19A6A8)
YUV	124.0690, 21.6580, -86.8835
Hunter-Lab	55.1385, -27.9757, -6.4800

Details

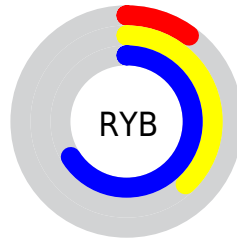
The CIELCh color **62, 34.929, 198.380** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **36, 67.450, 35.743**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 35.064, 197.917**, and **43, 27.059, 200.348** is the 20% darker color. If you saturate the color by 10%, you get **62, 35.732, 198.488**, and if you desaturate by 10%, it is **62, 33.424, 198.353**.

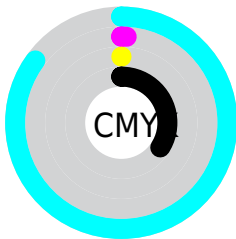
Distribution



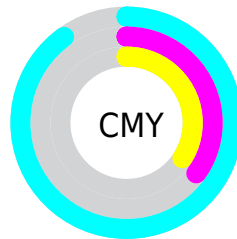
- Red (10%)
- Green (65%)
- Blue (66%)



- Red (10%)
- Yellow (38%)
- Blue (66%)



- Cyan (85%)
- Magenta (1%)
- Yellow (0%)
- Black (34%)





- Cyan (90%)
- Magenta (35%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 34.929, 198.380 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, 34.929, 198.380 by changing the saturation by 10% instead.


 62, 34.929,
198.380


 62, 34.929,
198.380


 100, 34.929,
198.380


 52, 34.929,
198.380


 82, 34.929,
198.380

 42, 34.929,
198.380

 92, 34.929,
198.380

 32, 34.929,
198.380

 22, 34.929,
198.380

 12, 34.929,
198.380

 2, 34.929, 198.380

 0, 34.929, 198.380

■ 62, 34.929,
198.380

■ 62, 34.929,
198.380

■ 62, 35.732,
198.488

■ 62, 33.424,
198.353

■ 62, 35.992,
198.551

■ 63, 31.152,
198.412

■ 63, 28.106,
198.557

■ 64, 24.317,
198.783

■ 65, 19.853,
199.085

■ 66, 14.800,
199.457

■ 67, 9.254, 199.897

■ 68, 3.314, 200.459

Harmonies

Complementary

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



62, 34.929, 198.380



36, 67.450, 35.743

Rectangle

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



62, 34.929, 198.380



62, 34.929, 248.380



62, 34.929, 18.380



62, 34.929, 68.380

Sweetspot

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



62, 34.928, 198.379



84, 18.749, 199.412



60, 83.267, 136.783



44, 12.536, 199.284



94, 0.011, 296.813



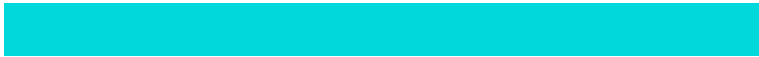
46, 0.006, 296.813

Same Dimension

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



62, 34.928, 198.379



79, 43.837, 198.591



40, 44.905, 277.330



35, 3.466, 200.209



55, 32.746, 198.528



5, 6.443, 201.092

Inverse Universe

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



41, 80.138, 328.574



52, 101.999, 328.798



48, 55.163, 64.137



33, 6.369, 325.293



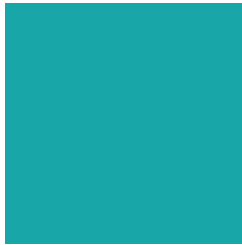
35, 76.175, 328.782



2, 11.518, 324.965

Previews

White Background



This preview shows how the CIE LCh color 62, 34.929, 198.380 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, 34.929, 198.380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

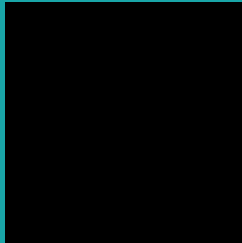
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 34.929, 198.380

Background



This preview shows how black text looks on a background with the CIELCh color 62, 34.929, 198.380.

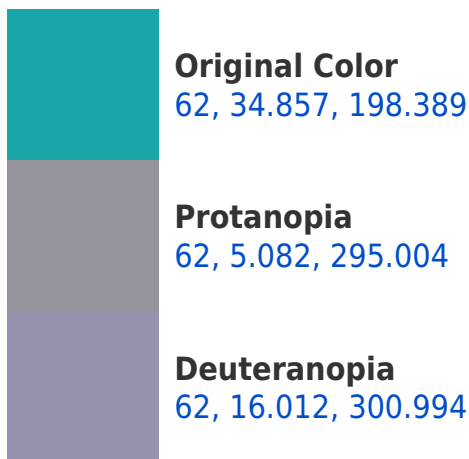


This preview shows how white text looks on a background with the CIELCh color 62, 34.929, 198.380.

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



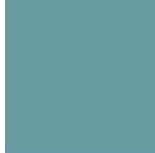


Tritanopia
62, 32.905, 209.790

Trichromacy



Original Color
62, 34.857, 198.389



Protanomaly
61, 17.591, 209.095



Deuteranomaly
61, 18.225, 232.355



Tritanomaly
62, 33.440, 205.509

Monochromacy



Original Color
62, 34.857, 198.389



Achromatopsia
52, 0.007, 296.813



Achromatomaly
54, 17.754, 199.582

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 34.929, 198.380 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(25, 166, 168)` looks like.

```
.text, #text, p{  
    color:rgb(25, 166, 168)  
}
```

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(25, 166, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 166, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 34.929, 198.380 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(25, 166, 168) }
```

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

```
.border{ border-color:rgb(25, 166, 168) }
```

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

Here you see how a box with a 4 pixel rgb(25, 166, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 166, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 166, 168);  
box-shadow:4px 4px 4px 4px rgb(25, 166,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 34.929, 198.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 166, 168) }
```

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

```
.background{ background-color: rgb(25, 166,  
168) }
```

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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