

Converting Colors

CIELCh(57, 32.180, 199.630)

Have a look what the booklet for
CIELCh(57, 32.180, 199.630)
contains.

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Color

CIELCh(57, 32.205, 199.656)

Conversions

Conversions Part 1

Format	Color
Hex	19989B
RGB	25, 152, 155
RGB Percent	10%, 60%, 61%
CMY	0.9006, 0.4051, 0.3934
CMYK	0.84, 0.02, 0.00, 0.39
HSL	181°, 72%, 35%
HSV	181°, 84%, 61%
XYZ	17.4776, 24.9227, 34.7638
YIQ	114.3690, -76.6550, -25.9910

Conversions

Conversions Part 2

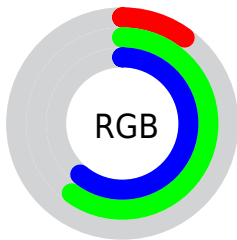
Format	Color
R_{YB}	25, 89, 155
Decimal	1677467
CIE _{Lab}	57.00, -30.33, -10.83
CIE _{LCh}	57, 32.205, 199.656
Yxy	24.9227, 0.2265, 0.3230
Android (android.graphics.Color)	4279867547 (0xFF19989B)
YUV	114.3690, 20.0311, -78.3766
Hunter-Lab	49.9226, -24.8728, -6.3410

Details

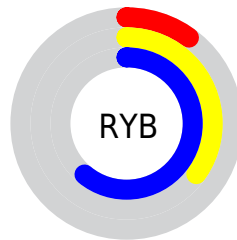
The CIELCh color **57, 32.205, 199.656** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **34, 61.571, 35.237**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 32.295, 199.042**, and **38, 24.664, 202.313** is the 20% darker color. If you saturate the color by 10%, you get **57, 33.060, 199.865**, and if you desaturate by 10%, it is **57, 30.675, 199.547**.

Distribution



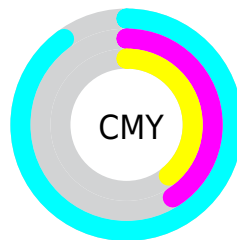
- Red (10%)
- Green (60%)
- Blue (61%)



- Red (10%)
- Yellow (35%)
- Blue (61%)



- Cyan (84%)
- Magenta (2%)
- Yellow (0%)
- Black (39%)





- Cyan (90%)
- Magenta (41%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 32.205, 199.656 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 57, 32.205, 199.656 by changing the saturation by 10% instead.


 57, 32.205,
199.656


 57, 32.205,
199.656


 100, 32.205,
199.656


 47, 32.205,
199.656


 77, 32.205,
199.656

 37, 32.205,
199.656

 87, 32.205,
199.656

 27, 32.205,
199.656

 97, 32.205,
199.656

 17, 32.205,
199.656

 7, 32.205, 199.656

 0, 32.205, 199.656

■ 57, 32.205,
199.656

■ 57, 32.205,
199.656

■ 57, 33.060,
199.865

■ 57, 30.675,
199.547

■ 57, 33.415,
200.029

■ 58, 28.429,
199.542

■ 58, 25.469,
199.633

■ 59, 21.835,
199.816

■ 60, 17.593,
200.081

■ 61, 12.826,
200.421

■ 62, 7.623, 200.836

■ 63, 2.072, 201.437

Harmonies

Complementary

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



57, 32.205, 199.656



34, 61.571, 35.237

Rectangle

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



57, 32.205, 199.656



57, 32.205, 249.656



57, 32.205, 19.656



57, 32.205, 69.656

Sweetspot

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



57, 32.205, 199.655



77, 16.734, 200.351



56, 76.747, 137.229



41, 11.373, 200.236



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



57, 32.205, 199.655



72, 40.614, 200.103



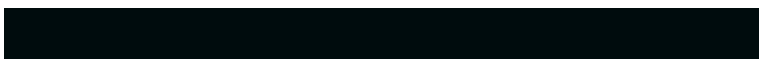
37, 42.326, 278.074



32, 3.174, 201.051



52, 31.115, 199.997



3, 3.502, 201.674

Inverse Universe

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



38, 73.990, 328.858



48, 95.013, 329.181



45, 50.470, 66.048



30, 5.847, 325.540



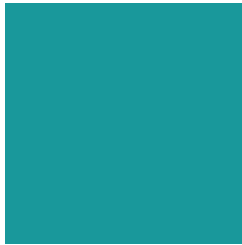
33, 72.765, 329.154



1, 6.273, 325.146

Previews

White Background



This preview shows how the CIELCh color 57, 32.205, 199.656 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 32.205, 199.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

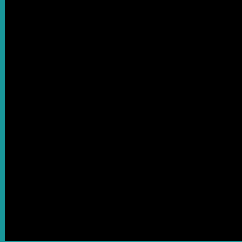
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 32.205, 199.656

Background



This preview shows how black text looks on a background with the CIELCh color 57, 32.205, 199.656.

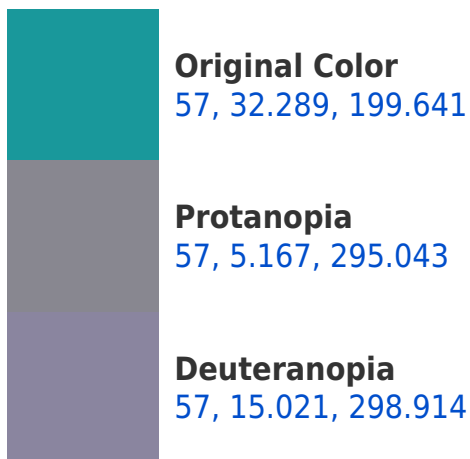


This preview shows how white text looks on a background with the CIELCh color 57, 32.205, 199.656.

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



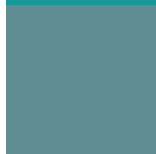


Tritanopia
57, 30.447, 211.151

Trichromacy



Original Color
57, 32.289, 199.641



Protanomaly
56, 15.968, 212.667



Deuteranomaly
56, 17.100, 233.265



Tritanomaly
57, 31.048, 206.384

Monochromacy



Original Color
57, 32.289, 199.641



Achromatopsia
48, 0.006, 296.813



Achromatomaly
50, 16.320, 199.819

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 32.205, 199.656 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, 152, 155)` looks like.

```
.text, #text, p{  
    color:rgb(25, 152, 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(25, 152, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 152, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 32.205, 199.656 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, 152, 155) }
```

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

```
.border{ border-color:rgb(25, 152, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 152, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 152, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 152, 155);  
box-shadow:4px 4px 4px 4px rgb(25, 152,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 32.205, 199.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 152, 155) }
```

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

```
.background{ background-color: rgb(25, 152,  
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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