

Converting Colors

CIELCh(62, 25.839, 203.198)

Have a look what the booklet for
CIELCh(62, 25.839, 203.198)
contains.

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Color

CIELCh(62, 25.836, 203.550)

Conversions

Conversions Part 1

Format	Color
Hex	4FA2A7
RGB	79, 162, 167
RGB Percent	31%, 64%, 65%
CMY	0.6891, 0.3637, 0.3441
CMYK	0.53, 0.03, 0.00, 0.34
HSL	183°, 36%, 48%
HSV	183°, 53%, 66%
XYZ	23.2099, 30.4025, 41.3262
YIQ	137.7530, -51.0730, -16.0410

Conversions

Conversions Part 2

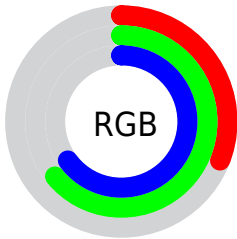
Format	Color
RYB	79, 122, 167
Decimal	5218983
CIELab	62.00, -23.68, -10.32
CIElCh	62, 25.836, 203.550
Yxy	30.4025, 0.2445, 0.3202
Android (android.graphics.Color)	4283409063 (0xFF4FA2A7)
YUV	137.7530, 14.4188, -51.5264
Hunter-Lab	55.1385, -21.3549, -5.8408

Details

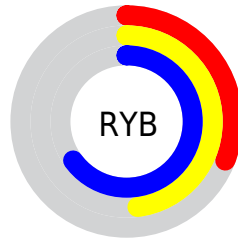
The CIELCh color **62, 25.836, 203.550** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **46, 38.383, 29.081**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 25.854, 203.597**, and **42, 25.852, 203.384** is the 20% darker color. If you saturate the color by 10%, you get **61, 28.909, 203.721**, and if you desaturate by 10%, it is **63, 22.057, 203.512**.

Distribution



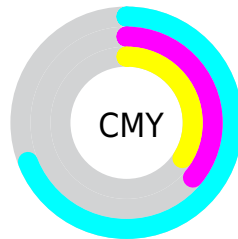
- Red (31%)
- Green (64%)
- Blue (65%)



- Red (31%)
- Yellow (48%)
- Blue (65%)



- Cyan (53%)
- Magenta (3%)
- Yellow (0%)
- Black (34%)





- Cyan (69%)
- Magenta (36%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 25.836, 203.550 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, 25.836, 203.550 by changing the saturation by 10% instead.


 62, 25.836,
203.550


 62, 25.836,
203.550


 100, 25.836,
203.550


 52, 25.836,
203.550


 82, 25.836,
203.550

 42, 25.836,
203.550

 92, 25.836,
203.550

 32, 25.836,
203.550

 22, 25.836,
203.550

 12, 25.836,
203.550

 2, 25.836, 203.550

 0, 25.836, 203.550

■ 62, 25.836,
203.550

■ 62, 25.836,
203.550

■ 61, 28.909,
203.721

■ 63, 22.057,
203.512

■ 60, 31.229,
204.050

■ 64, 17.648,
203.595

■ 60, 32.787,
204.552

■ 65, 12.697,
203.782

■ 59, 33.622,
205.241

■ 67, 7.299, 204.068

■ 59, 33.938,
205.835

■ 68, 1.545, 204.639

■ 70, 4.481, 24.590

■ 72, 10.704, 25.068

■ 73, 17.065, 25.528

■ 75, 23.510, 25.999

Harmonies

Complementary

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



62, 25.836, 203.550



46, 38.383, 29.081

Rectangle

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



62, 25.836, 203.550



62, 25.836, 253.550



62, 25.836, 23.550



62, 25.836, 73.550

Sweetspot

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



62, 25.836, 203.548



84, 11.323, 203.950



62, 56.347, 141.433



44, 7.660, 203.893



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, 25.836, 203.548



77, 35.559, 203.761



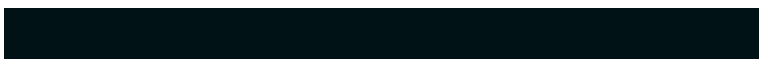
49, 30.124, 270.689



35, 3.323, 204.191



53, 31.027, 205.732



5, 6.090, 206.535

Inverse Universe

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



48, 55.680, 328.844



57, 79.376, 329.377



56, 33.339, 73.790



33, 6.185, 326.492



34, 73.695, 330.585



2, 11.058, 326.639

Previews

White Background



This preview shows how the CIELCh color 62, 25.836, 203.550 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, 25.836, 203.550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

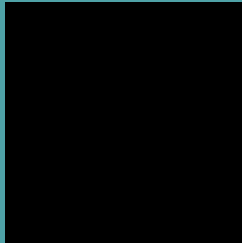
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 25.836, 203.550

Background



This preview shows how black text looks on a background with the CIELCh color 62, 25.836, 203.550.

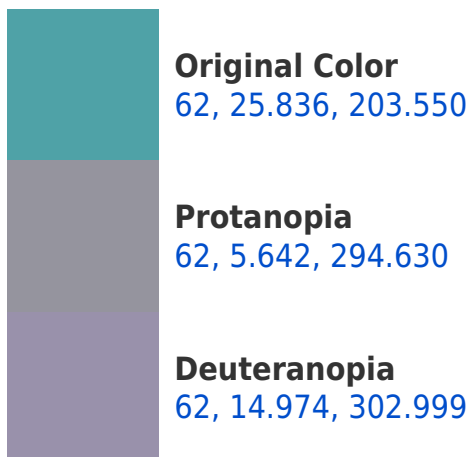


This preview shows how white text looks on a background with the CIELCh color 62, 25.836, 203.550.

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, 24.966, 214.638

Trichromacy



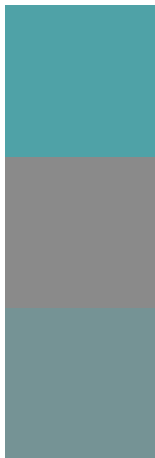
Original Color
62, 25.836, 203.550

Protanomaly
61, 11.163, 222.475

Deuteranomaly
61, 13.556, 251.272

Tritanomaly
62, 25.096, 211.804

Monochromacy



Original Color
62, 25.836, 203.550

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 10.968, 204.396

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 25.836, 203.550 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(79, 162, 167)` looks like.

```
.text, #text, p{  
    color:rgb(79, 162, 167)  
}
```

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(79, 162, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 162, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 25.836, 203.550 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(79, 162, 167) }
```

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

```
.border{ border-color:rgb(79, 162, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 162, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 162, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 162, 167);  
box-shadow:4px 4px 4px 4px rgb(79, 162,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 25.836, 203.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 162, 167) }
```

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

```
.background{ background-color: rgb(79, 162,  
167) }
```

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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