

Converting Colors

CIELCh(62, 58.636, 152.433)

Have a look what the booklet for
CIELCh(62, 58.636, 152.433)
contains.

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Color

CIELCh(62, 58.691, 152.352)

Conversions

Conversions Part 1

Format	Color
Hex	20AB63
RGB	32, 171, 99
RGB Percent	13%, 67%, 39%
CMY	0.8734, 0.3288, 0.6112
CMYK	0.81, 0.00, 0.42, 0.33
HSL	149°, 68%, 40%
HSV	149°, 81%, 67%
XYZ	17.4575, 30.4025, 16.7894
YIQ	121.2310, -59.7320, -51.8600

Conversions

Conversions Part 2

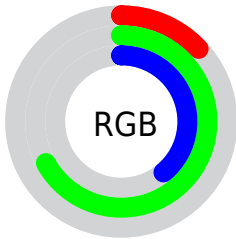
Format	Color
RYB	32, 126, 171
Decimal	2141027
CIELab	62.00, -51.99, 27.23
CIELCh	62, 58.691, 152.352
Yxy	30.4025, 0.2700, 0.4703
Android (android.graphics.Color)	4280331107 (0xFF20AB63)
YUV	121.2310, -10.9599, -78.2556
Hunter-Lab	55.1385, -39.9773, 20.5434

Details

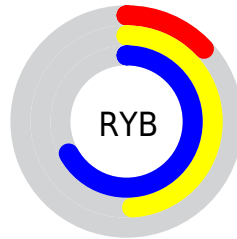
The CIELCh color **62, 58.691, 152.352** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **39, 59.488, 353.833**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 58.214, 152.525**, and **43, 52.228, 147.134** is the 20% darker color. If you saturate the color by 10%, you get **62, 63.416, 150.274**, and if you desaturate by 10%, it is **62, 53.221, 154.231**.

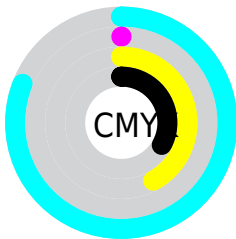
Distribution



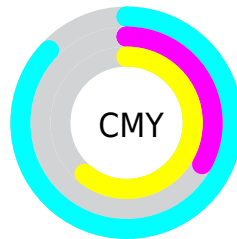
- Red (13%)
- Green (67%)
- Blue (39%)



- Red (13%)
- Yellow (49%)
- Blue (67%)



- Cyan (81%)
- Magenta (0%)
- Yellow (42%)
- Black (33%)





- Cyan (87%)
- Magenta (33%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 58.691, 152.352 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, 58.691, 152.352 by changing the saturation by 10% instead.


 62, 58.691,
152.352


 62, 58.691,
152.352


 100, 58.691,
152.352


 52, 58.691,
152.352


 82, 58.691,
152.352

 42, 58.691,
152.352

 92, 58.691,
152.352

 32, 58.691,
152.352

 22, 58.691,
152.352

 12, 58.691,
152.352

 2, 58.691, 152.352

 0, 58.691, 152.352

■ 62, 58.691,
152.352

■ 62, 58.691,
152.352

■ 62, 63.416,
150.274

■ 62, 53.221,
154.231

■ 61, 67.118,
148.370

■ 63, 47.032,
155.903

■ 64, 40.206,
157.381

■ 65, 32.862,
158.684

■ 66, 25.134,
159.836

■ 67, 17.155,
160.863

■ 68, 9.047, 161.793

■ 70, 0.913, 162.964

Harmonies

Complementary

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



62, 58.691, 152.352



39, 59.488, 353.833

Rectangle

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



62, 58.691, 152.352



62, 58.691, 202.352



62, 58.691, 332.352



62, 58.691, 22.352

Sweetspot

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



62, 58.691, 152.352



84, 24.027, 160.537



64, 72.330, 125.320



44, 16.608, 160.182



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



62, 58.691, 152.352



78, 80.738, 148.594



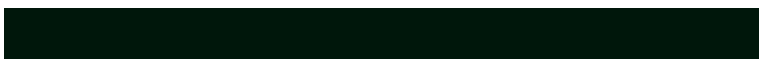
64, 36.190, 192.289



36, 4.648, 161.956



54, 60.713, 148.629



6, 10.469, 158.343

Inverse Universe

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



39, 59.488, 353.833



48, 76.173, 359.613



38, 64.203, 31.940



34, 4.702, 343.370



32, 57.471, 359.532



2, 9.236, 347.803

Previews

White Background



This preview shows how the CIELCh color 62, 58.691, 152.352 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, 58.691, 152.352 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, 58.691, 152.352

Background



This preview shows how black text looks on a background with the CIELCh color 62, 58.691, 152.352.

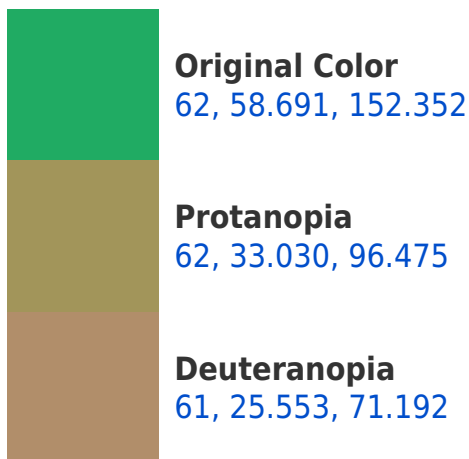


This preview shows how white text looks on a background with the CIELCh color 62, 58.691, 152.352.

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, 27.763, 212.644

Trichromacy



Original Color
62, 58.691, 152.352



Protanomaly
60, 39.236, 132.418



Deuteranomaly
60, 29.755, 130.781

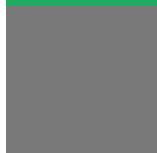


Tritanomaly
62, 35.055, 179.516

Monochromacy



Original Color
62, 58.691, 152.352



Achromatopsia
51, 0.007, 296.813



Achromatomaly
54, 24.436, 159.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 58.691, 152.352 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(32, 171, 99)` looks like.

```
.text, #text, p{  
    color:rgb(32, 171, 99)  
}
```

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(32, 171, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 171, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 58.691, 152.352 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(32, 171, 99) }
```

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

```
.border{ border-color:rgb(32, 171, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 171, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 171, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 171, 99);  
box-shadow:4px 4px 4px 4px rgb(32, 171,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 58.691, 152.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 171, 99) }
```

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

```
.background{ background-color: rgb(32, 171,  
99) }
```

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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