

Converting Colors

CIELCh(62, 38.207, 152.415)

Have a look what the booklet for
CIELCh(62, 38.207, 152.415)
contains.

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Color

CIELCh(62, 38.490, 152.334)

Conversions

Conversions Part 1

Format	Color
Hex	5BA575
RGB	91, 165, 117
RGB Percent	36%, 65%, 46%
CMY	0.6433, 0.3531, 0.5413
CMYK	0.45, 0.00, 0.29, 0.35
HSL	141°, 29%, 50%
HSV	141°, 45%, 65%
XYZ	20.9680, 30.4025, 21.5820
YIQ	137.4020, -28.6960, -30.6160

Conversions

Conversions Part 2

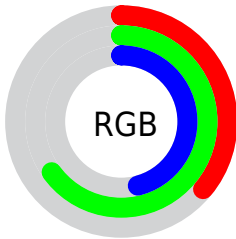
Format	Color
RYB	91, 146, 165
Decimal	6006133
CIELab	62.00, -34.09, 17.87
CIElCh	62, 38.490, 152.334
Yxy	30.4025, 0.2874, 0.4167
Android (android.graphics.Color)	4284196213 (0xFF5BA575)
YUV	137.4020, -10.0582, -40.6946
Hunter-Lab	55.1385, -28.6128, 15.3900

Details

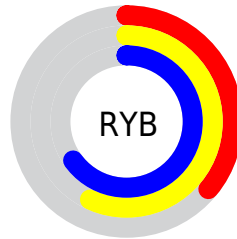
The CIELCh color **62, 38.490, 152.334** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **49, 39.171, 340.071**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 38.838, 152.012**, and **42, 38.340, 152.192** is the 20% darker color. If you saturate the color by 10%, you get **61, 46.377, 151.028**, and if you desaturate by 10%, it is **63, 30.187, 153.475**.

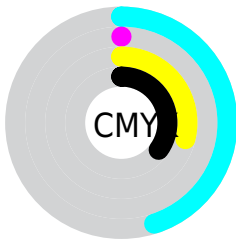
Distribution



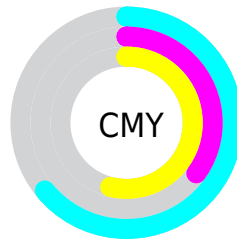
- Red (36%)
- Green (65%)
- Blue (46%)



- Red (36%)
- Yellow (57%)
- Blue (65%)



- Cyan (45%)
- Magenta (0%)
- Yellow (29%)
- Black (35%)





- Cyan (64%)
- Magenta (35%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 38.490, 152.334 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, 38.490, 152.334 by changing the saturation by 10% instead.


 62, 38.490,
152.334


 62, 38.490,
152.334


 100, 38.490,
152.334


 52, 38.490,
152.334


 82, 38.490,
152.334

 42, 38.490,
152.334

 92, 38.490,
152.334

 32, 38.490,
152.334

 22, 38.490,
152.334

 12, 38.490,
152.334

 2, 38.490, 152.334

 0, 38.490, 152.334

■ 62, 38.490,
152.334

■ 62, 38.490,
152.334

■ 61, 46.377,
151.028

■ 63, 30.187,
153.475

■ 60, 53.693,
149.541

■ 64, 21.616,
154.474

■ 60, 60.300,
147.863

■ 66, 12.917,
155.355

■ 60, 66.096,
146.004

■ 67, 4.204, 156.172

■ 59, 71.035,
144.004

■ 69, 4.432, 336.710

■ 70, 12.922,
337.363

■ 59, 73.340,
143.024

■ 72, 21.217,
337.919

■ 74, 29.287,
338.418

■ 76, 37.114,
338.872

Harmonies

Complementary

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



62, 38.490, 152.334



49, 39.171, 340.071

Rectangle

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



62, 38.490, 152.334



62, 38.490, 202.334



62, 38.490, 332.334



62, 38.490, 22.334

Sweetspot

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



62, 38.491, 152.334



83, 13.972, 155.489



64, 41.332, 121.318



44, 9.765, 155.314



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 38.491, 152.334



78, 56.451, 151.010



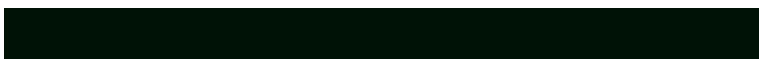
63, 25.879, 183.187



34, 4.865, 155.811



53, 66.473, 143.266



4, 7.744, 155.039

Inverse Universe

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



49, 39.171, 340.071



58, 57.215, 341.130



48, 32.289, 12.770



32, 4.896, 337.055



31, 59.111, 348.317



1, 7.253, 339.050

Previews

White Background



This preview shows how the CIELCh color 62, 38.490, 152.334 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, 38.490, 152.334 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, 38.490, 152.334

Background



This preview shows how black text looks on a background with the CIELCh color 62, 38.490, 152.334.



This preview shows how white text looks on a background with the CIELCh color 62, 38.490, 152.334.

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



Original Color
62, 38.490, 152.334

Protanopia
62, 22.208, 95.530

Deuteranopia
62, 17.407, 62.273



Tritanopia
62, 18.998, 220.772

Trichromacy



Original Color
62, 38.490, 152.334

Protanomaly
61, 24.719, 126.990

Deuteranomaly
61, 17.598, 118.980

Tritanomaly
62, 22.425, 182.847

Monochromacy



Original Color
62, 38.490, 152.334

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 14.333, 155.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 38.490, 152.334 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(91, 165, 117)` looks like.

```
.text, #text, p{  
    color:rgb(91, 165, 117)  
}
```

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(91, 165, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 165, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 38.490, 152.334 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(91, 165, 117) }
```

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

```
.border{ border-color:rgb(91, 165, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 165, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 165, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 165, 117);  
box-shadow:4px 4px 4px 4px rgb(91, 165,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 38.490, 152.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 165, 117) }
```

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

```
.background{ background-color: rgb(91, 165,  
117) }
```

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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