

Converting Colors

CIELCh(62, 20.529, 107.881)

Have a look what the booklet for
CIELCh(62, 20.529, 107.881)
contains.

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Color

CIELCh(62, 20.529, 107.881)

Conversions

Conversions Part 1

Format	Color
Hex	989873
RGB	152, 152, 115
RGB Percent	60%, 60%, 45%
CMY	0.4036, 0.4036, 0.5487
CMYK	0.00, 0.00, 0.24, 0.40
HSL	60°, 15%, 52%
HSV	60°, 24%, 60%
XYZ	27.3017, 30.4025, 20.6702
YIQ	147.7820, 11.8770, -11.5070

Conversions

Conversions Part 2

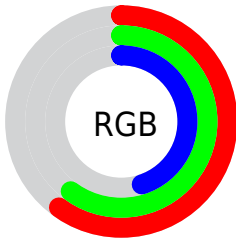
Format	Color
RYB	115, 152, 115
Decimal	10000499
CIELab	62.00, -6.30, 19.54
CIElCh	62, 20.529, 107.881
Yxy	30.4025, 0.3483, 0.3879
Android (android.graphics.Color)	4288190579 (0xFF989873)
YUV	147.7820, -16.1615, 3.6992
Hunter-Lab	55.1385, -8.1085, 16.3704

Details

The CIELCh color $62, 20.529, 107.881$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $50, 21.708, 292.949$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 20.499, 107.263$, and $42, 20.200, 107.136$ is the 20% darker color. If you saturate the color by 10%, you get $62, 28.777, 106.949$, and if you desaturate by 10%, it is $62, 12.139, 108.831$.

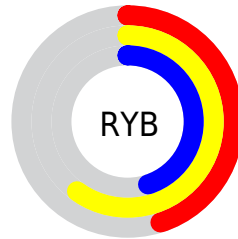
Distribution



Red (60%)

Green (60%)

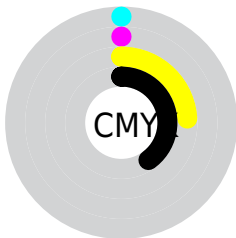
Blue (45%)



Red (45%)

Yellow (60%)

Blue (45%)

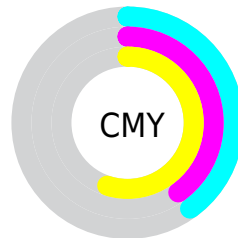


Cyan (0%)

Magenta (0%)

Yellow (24%)

Black (40%)



Cyan (40%)


Magenta (40%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 20.529, 107.881 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, 20.529, 107.881 by changing the saturation by 10% instead.


 62, 20.529,
107.881


 62, 20.529,
107.881


 100, 20.529,
107.881


 52, 20.529,
107.881


 82, 20.529,
107.881

 42, 20.529,
107.881

 92, 20.529,
107.881

 32, 20.529,
107.881

 22, 20.529,
107.881

 12, 20.529,
107.881

 2, 20.529, 107.881

 0, 20.529, 107.881

■ 62, 20.529,
107.881

■ 62, 20.529,
107.881

■ 62, 28.777,
106.949

■ 62, 12.139,
108.831

■ 61, 36.772,
106.043

■ 63, 3.673, 109.763

■ 61, 44.351,
105.190

■ 63, 4.824, 290.714

■ 61, 51.273,
104.423

■ 64, 13.319,
291.608

■ 61, 57.205,
103.777

■ 64, 21.792,
292.476

■ 61, 61.765,
103.290

■ 65, 30.228,
293.307

■ 61, 64.645,
102.987

■ 65, 38.616,
294.100

■ 61, 65.893,

■ 66, 46.945,
294.851

102.857

■ 67, 55.208,
295.560

Harmonies

Complementary

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



62, 20.529, 107.881



50, 21.708, 292.949

Rectangle

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



62, 20.529, 107.881



62, 20.529, 157.881



62, 20.529, 287.881



62, 20.529, 337.881

Sweetspot

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



62, 20.530, 107.885



80, 7.385, 109.505



52, 15.610, 21.204



42, 4.786, 109.457



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



62, 20.530, 107.885



79, 30.357, 107.391



61, 21.998, 127.979



32, 4.814, 109.311



57, 62.112, 102.857



3, 5.228, 110.180

Inverse Universe

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



50, 21.708, 292.949



61, 32.549, 293.702



51, 22.728, 310.196



29, 4.917, 291.111



15, 85.765, 306.288



0, 5.229, 290.181

Previews

White Background



This preview shows how the CIELCh color 62, 20.529, 107.881 looks on a white background.

Color Contrast Check

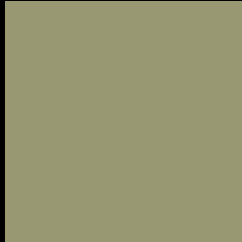
Large Text (above 18pt) WCAG AA × Fail

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, 20.529, 107.881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

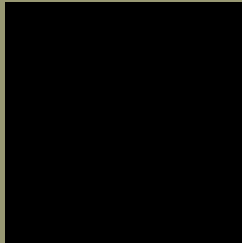
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

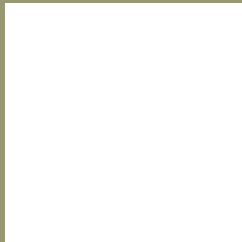
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 20.529, 107.881

Background



This preview shows how black text looks on a background with the CIELCh color 62, 20.529, 107.881.



This preview shows how white text looks on a background with the CIELCh color 62, 20.529, 107.881.

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, 20.529, 107.881

Protanopia

62, 20.470, 96.003

Deuteranopia

62, 20.245, 67.727



Tritanopia
62, 8.187, 324.822

Trichromacy



Original Color
62, 20.529, 107.881

Protanomaly
62, 20.703, 100.856

Deuteranomaly
62, 19.346, 82.199

Tritanomaly
62, 4.602, 66.280

Monochromacy



Original Color
62, 20.529, 107.881

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 7.274, 109.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 20.529, 107.881 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(152, 152, 115)` looks like.

```
.text, #text, p{  
    color:rgb(152, 152, 115)  
}
```

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(152, 152, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 152, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 20.529, 107.881 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(152, 152, 115) }
```

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

```
.border{ border-color:rgb(152, 152, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 152, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 152, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 152, 115);  
box-shadow:4px 4px 4px 4px rgb(152, 152,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 20.529, 107.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 152, 115) }
```

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

```
.background{ background-color: rgb(152,  
152, 115) }
```

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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