

Converting Colors

CIELCh(62, 27.010, 108.258)

Have a look what the booklet for
CIELCh(62, 27.010, 108.258)
contains.

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Color

CIELCh(62, 27.029, 108.062)

Conversions

Conversions Part 1

Format	Color
Hex	989968
RGB	152, 153, 104
RGB Percent	60%, 60%, 41%
CMY	0.4044, 0.4005, 0.5926
CMYK	0.01, 0.00, 0.32, 0.40
HSL	61°, 19%, 50%
HSV	61°, 32%, 60%
XYZ	26.7893, 30.4025, 17.5221
YIQ	147.1150, 15.1330, -15.4510

Conversions

Conversions Part 2

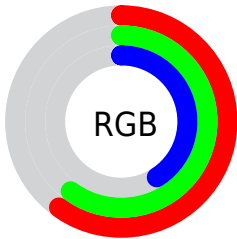
Format	Color
RYB	104, 153, 105
Decimal	10000744
CIELab	62.00, -8.38, 25.70
CIELCh	62, 27.029, 108.062
Yxy	30.4025, 0.3586, 0.4069
Android (android.graphics.Color)	4288190824 (0xFF989968)
YUV	147.1150, -21.2557, 4.2841
Hunter-Lab	55.1385, -9.7673, 19.7556

Details

The CIELCh color $62, 27.029, 108.062$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $46, 29.183, 294.735$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 26.711, 107.800$, and $42, 27.007, 108.125$ is the 20% darker color. If you saturate the color by 10%, you get $62, 35.129, 107.180$, and if you desaturate by 10%, it is $62, 18.707, 108.975$.

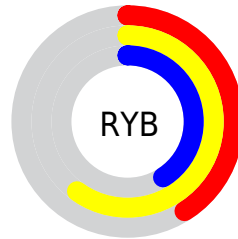
Distribution



Red (60%)

Green (60%)

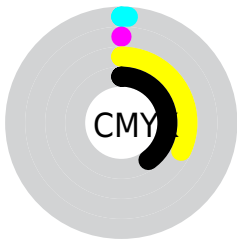
Blue (41%)



Red (41%)

Yellow (60%)

Blue (41%)

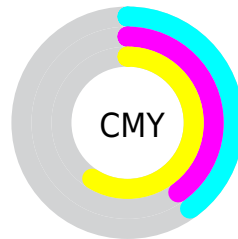


Cyan (1%)

Magenta (0%)

Yellow (32%)

Black (40%)



Cyan (40%)


Magenta (40%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 27.029, 108.062 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, 27.029, 108.062 by changing the saturation by 10% instead.


 62, 27.029,
108.062


 62, 27.029,
108.062


 100, 27.029,
108.062


 52, 27.029,
108.062


 82, 27.029,
108.062

 42, 27.029,
108.062

 92, 27.029,
108.062

 32, 27.029,
108.062

 22, 27.029,
108.062

 12, 27.029,
108.062

 2, 27.029, 108.062

 0, 27.029, 108.062

■ 62, 27.029,
108.062

■ 62, 27.029,
108.062

■ 62, 35.129,
107.180

■ 62, 18.707,
108.975

■ 62, 42.853,
106.345

■ 63, 10.255,
109.890

■ 61, 49.981,
105.591

■ 63, 1.740, 110.776

■ 61, 56.199,
104.957

■ 64, 6.797, 291.699

■ 61, 61.127,
104.488

■ 64, 15.328,
292.556

■ 61, 64.415,
104.218

■ 65, 23.832,
293.384

■ 61, 66.173,
104.106

■ 65, 32.295,
294.174

■ 66, 40.705,
294.925

■ 67, 49.053,
295.636

Harmonies

Complementary

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



62, 27.029, 108.062



46, 29.183, 294.735

Rectangle

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



62, 27.029, 108.062



62, 27.029, 158.062



62, 27.029, 288.062



62, 27.029, 338.062

Sweetspot

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



62, 27.030, 108.065



80, 10.551, 110.058



49, 20.918, 23.282



42, 7.178, 109.941



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, 27.030, 108.065



79, 39.482, 107.468



60, 29.157, 128.202



32, 4.816, 110.146



56, 62.136, 104.096



3, 5.230, 111.094

Inverse Universe

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



46, 29.183, 294.735



55, 43.482, 295.781



48, 30.414, 311.147



29, 4.919, 291.883



15, 85.646, 306.372



0, 5.231, 290.973

Previews

White Background



This preview shows how the CIELCh color 62, 27.029, 108.062 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, 27.029, 108.062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

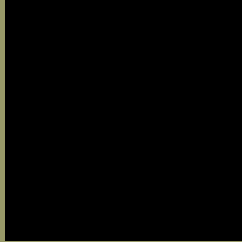
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

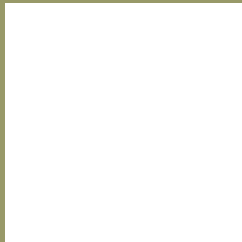
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 27.029, 108.062

Background



This preview shows how black text looks on a background with the CIELCh color 62, 27.029, 108.062.



This preview shows how white text looks on a background with the CIELCh color 62, 27.029, 108.062.

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, 27.029, 108.062

Protanopia

62, 26.565, 95.983

Deuteranopia

62, 25.979, 71.839



Tritanopia
62, 8.187, 324.822

Trichromacy



Original Color
62, 27.029, 108.062

Protanomaly
62, 26.717, 100.715

Deuteranomaly
62, 25.181, 86.327

Tritanomaly
62, 6.744, 84.961

Monochromacy



Original Color
62, 27.029, 108.062

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 10.066, 109.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 27.029, 108.062 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, 153, 104)` looks like.

```
.text, #text, p{  
    color:rgb(152, 153, 104)  
}
```

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, 153, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 153, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 27.029, 108.062 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, 153, 104) }
```

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

```
.border{ border-color:rgb(152, 153, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 153, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 153, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 153, 104);  
box-shadow:4px 4px 4px 4px rgb(152, 153,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 27.029, 108.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 153, 104) }
```

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

```
.background{ background-color: rgb(152,  
153, 104) }
```

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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