

Converting Colors

CIELCh(62, 20.291, 102.359)

Have a look what the booklet for
CIELCh(62, 20.291, 102.359)
contains.

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Color

CIELCh(62, 20.108, 101.935)

Conversions

Conversions Part 1

Format	Color
Hex	9C9773
RGB	156, 151, 115
RGB Percent	61%, 59%, 45%
CMY	0.3886, 0.4081, 0.5493
CMYK	0.00, 0.03, 0.26, 0.39
HSL	53°, 17%, 53%
HSV	53°, 26%, 61%
XYZ	27.8377, 30.4025, 20.5969
YIQ	148.3910, 14.5360, -10.1360

Conversions

Conversions Part 2

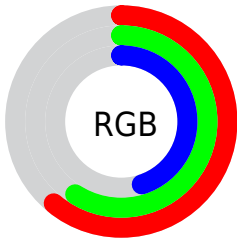
Format	Color
RYB	121, 156, 115
Decimal	10262387
CIELab	62.00, -4.16, 19.67
CIELCh	62, 20.108, 101.935
Yxy	30.4025, 0.3531, 0.3856
Android (android.graphics.Color)	4288452467 (0xFF9C9773)
YUV	148.3910, -16.4618, 6.6731
Hunter-Lab	55.1385, -6.3734, 16.4492

Details

The CIELCh color **62, 20.108, 101.935** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **51, 21.011, 288.036**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 20.120, 101.698**, and **42, 19.739, 101.823** is the 20% darker color. If you saturate the color by 10%, you get **61, 27.680, 100.855**, and if you desaturate by 10%, it is **63, 12.465, 103.012**.

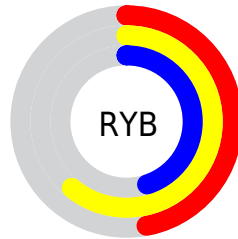
Distribution



Red (61%)

Green (59%)

Blue (45%)



Red (47%)

Yellow (61%)

Blue (45%)

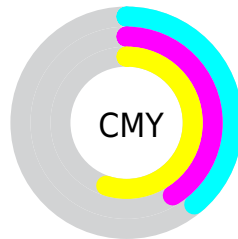


Cyan (0%)

Magenta (3%)

Yellow (26%)

Black (39%)



Cyan (39%)


Magenta (41%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 20.108, 101.935 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, 20.108, 101.935 by changing the saturation by 10% instead.


 62, 20.108,
101.935


 62, 20.108,
101.935


 100, 20.108,
101.935


 52, 20.108,
101.935


 82, 20.108,
101.935

 42, 20.108,
101.935

 92, 20.108,
101.935

 32, 20.108,
101.935

 22, 20.108,
101.935

 12, 20.108,
101.935

 2, 20.108, 101.935

 0, 20.108, 101.935

■ 62, 20.108,
101.935

■ 62, 20.108,
101.935

■ 61, 27.680,
100.855

■ 63, 12.465,
103.012

■ 60, 35.083, 99.771

■ 64, 4.805, 104.053

■ 60, 42.165, 98.701

■ 65, 2.838, 285.132

■ 59, 48.682, 97.659

■ 66, 10.443,
286.098

■ 58, 54.273, 96.658

■ 67, 17.999,
287.045

■ 58, 58.481, 95.702

■ 57, 60.973, 94.780

■ 68, 25.498,
287.952

■ 57, 61.753, 94.446

■ 69, 32.936,
288.816

■ 70, 40.312,
289.636

■ 71, 47.489,
290.386

Harmonies

Complementary

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



62, 20.108, 101.935



51, 21.011, 288.036

Rectangle

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



62, 20.108, 101.935



62, 20.108, 151.935



62, 20.108, 281.935



62, 20.108, 331.935

Sweetspot

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



62, 20.109, 101.940



80, 7.531, 103.864



53, 17.309, 11.082



43, 5.397, 103.716



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



62, 20.109, 101.940



78, 30.112, 101.256



62, 23.528, 122.929



33, 4.371, 103.750



52, 57.942, 94.516



4, 5.585, 103.470

Inverse Universe

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



51, 21.011, 288.036



61, 31.866, 289.052



51, 24.637, 305.788



31, 4.441, 285.750



17, 80.485, 304.133



1, 5.770, 285.039

Previews

White Background



This preview shows how the CIELCh color 62, 20.108, 101.935 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, 20.108, 101.935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

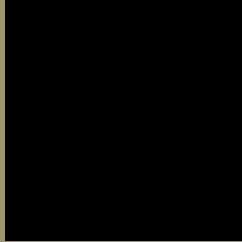
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 20.108, 101.935

Background



This preview shows how black text looks on a background with the CIELCh color 62, 20.108, 101.935.



This preview shows how white text looks on a background with the CIELCh color 62, 20.108, 101.935.

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, 20.108, 101.935

Protanopia

62, 20.470, 96.003

Deuteranopia

62, 20.690, 68.621



Tritanopia
62, 9.150, 332.943

Trichromacy



Original Color
62, 20.108, 101.935

Protanomaly
62, 20.384, 97.172

Deuteranomaly
62, 19.546, 81.077

Tritanomaly
62, 5.520, 50.102

Monochromacy



Original Color
62, 20.108, 101.935

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 7.310, 103.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 20.108, 101.935 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(156, 151, 115)` looks like.

```
.text, #text, p{  
    color:rgb(156, 151, 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(156, 151, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 151, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 20.108, 101.935 is called "border". The border property can be set on classes, ids or directly on the HTML element.

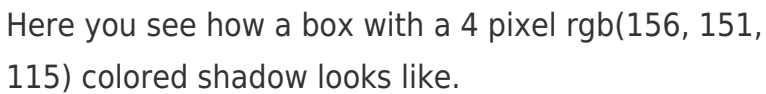
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 151, 115) }
```

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

```
.border{ border-color:rgb(156, 151, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 151, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 151, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 151, 115); box-shadow:4px 4px 4px 4px rgb(156, 151, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 20.108, 101.935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 151, 115) }
```

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

```
.background{ background-color: rgb(156,  
151, 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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