

Converting Colors

CIELCh(62, 66.286, 102.940)

Have a look what the booklet for
CIELCh(62, 66.286, 102.940)
contains.

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Color

CIELCh(62, 66.249, 102.910)

Conversions

Conversions Part 1

Format	Color
Hex	9B9B04
RGB	155, 155, 4
RGB Percent	61%, 61%, 2%
CMY	0.3923, 0.3923, 0.9846
CMYK	0.00, 0.00, 0.97, 0.39
HSL	60°, 95%, 31%
HSV	60°, 97%, 61%
XYZ	25.2458, 30.4025, 4.6501
YIQ	137.7860, 48.4710, -46.9610

Conversions

Conversions Part 2

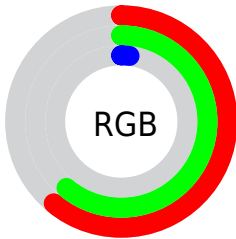
Format	Color
RYB	4, 155, 4
Decimal	10197764
CIELab	62.00, -14.80, 64.57
CIElCh	62, 66.249, 102.910
Yxy	30.4025, 0.4187, 0.5042
Android (android.graphics.Color)	4288387844 (0xFF9B9B04)
YUV	137.7860, -65.9565, 15.0967
Hunter-Lab	55.1385, -14.7642, 33.5968

Details

The CIELCh color **62, 66.249, 102.910** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **18, 90.858, 306.006**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 66.376, 102.811**, and **42, 50.215, 105.666** is the 20% darker color. If you saturate the color by 10%, you get **62, 66.807, 102.855**, and if you desaturate by 10%, it is **62, 63.772, 103.168**.

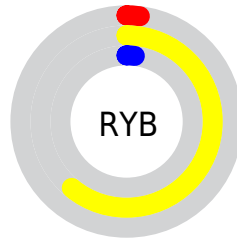
Distribution



Red (61%)

Green (61%)

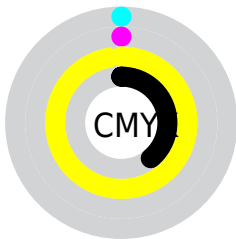
Blue (2%)



Red (2%)

Yellow (61%)

Blue (2%)

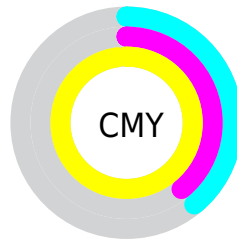


Cyan (0%)

Magenta (0%)

Yellow (97%)

Black (39%)



Cyan (39%)


Magenta (39%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 66.249, 102.910 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, 66.249, 102.910 by changing the saturation by 10% instead.


 62, 66.249,
102.910


 62, 66.249,
102.910


 100, 66.249,
102.910


 52, 66.249,
102.910


 82, 66.249,
102.910

 42, 66.249,
102.910

 92, 66.249,
102.910

 32, 66.249,
102.910

 22, 66.249,
102.910

 12, 66.249,
102.910

 2, 66.249, 102.910

 0, 66.249, 102.910

■ 62, 66.249,
102.910

■ 62, 66.249,
102.910

■ 62, 66.807,
102.855

■ 62, 63.772,
103.168

■ 62, 59.675,
103.598

■ 62, 54.061,
104.197

■ 62, 47.316,
104.930

■ 63, 39.803,
105.760

■ 63, 31.798,
106.654

■ 63, 23.491,
107.585

■ 63, 15.007,

108.531

■ 64, 6.428, 109.473

Harmonies

Complementary

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



62, 66.249, 102.910



18, 90.858, 306.006

Rectangle

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



62, 66.249, 102.910



62, 66.249, 152.910



62, 66.249, 282.910



62, 66.249, 332.910

Sweetspot

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



62, 66.249, 102.912



80, 30.672, 107.387



32, 70.341, 38.932



42, 21.152, 107.015



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, 66.249, 102.912



79, 81.143, 102.855



57, 74.203, 127.620



32, 4.814, 109.309



57, 62.112, 102.855



3, 5.228, 110.178

Inverse Universe

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



18, 90.858, 306.006



24, 112.044, 306.287



24, 84.762, 312.131



29, 4.917, 291.110



15, 85.765, 306.287



0, 5.229, 290.179

Previews

White Background



This preview shows how the CIELCh color 62, 66.249, 102.910 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 CIE LCh color 62, 66.249, 102.910 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, 66.249, 102.910

Background



This preview shows how black text looks on a background with the CIELCh color 62, 66.249, 102.910.

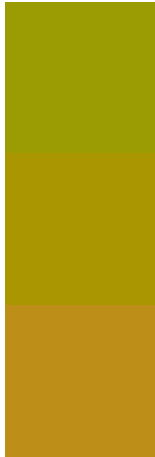


This preview shows how white text looks on a background with the CIELCh color 62, 66.249, 102.910.

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, 66.249, 102.910

Protanopia

62, 65.877, 95.108

Deuteranopia

62, 62.760, 82.723



Tritanopia
62, 10.225, 343.393

Trichromacy



Original Color
62, 66.249, 102.910

Protanomaly
62, 65.964, 98.014

Deuteranomaly
62, 63.325, 90.318

Tritanomaly
61, 27.253, 95.174

Monochromacy



Original Color
62, 66.249, 102.910

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 30.515, 106.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 66.249, 102.910 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(155, 155, 4)` looks like.

```
.text, #text, p{  
    color:rgb(155, 155, 4)  
}
```

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(155, 155, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 155, 4) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 66.249, 102.910 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(155, 155, 4) }
```

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

```
.border{ border-color:rgb(155, 155, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 155, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 155, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 155, 4);  
box-shadow:4px 4px 4px 4px rgb(155, 155,  
4) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 66.249, 102.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 155, 4) }
```

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

```
.background{ background-color: rgb(155,  
155, 4) }
```

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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