

Converting Colors

CIELCh(62, 82.849, 97.151)

Have a look what the booklet for
CIELCh(62, 82.849, 97.151) contains.

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Color

CIELCh(62, 66.155, 97.606)

Conversions

Conversions Part 1

Format	Color
Hex	A59800
RGB	165, 152, 0
RGB Percent	65%, 60%, 0%
CMY	0.3535, 0.4044, 1.0000
CMYK	0.00, 0.08, 1.00, 0.35
HSL	55°, 100%, 32%
HSV	55°, 100%, 65%
XYZ	26.6972, 30.4025, 4.4536
YIQ	138.5590, 56.5400, -44.5160

Conversions

Conversions Part 2

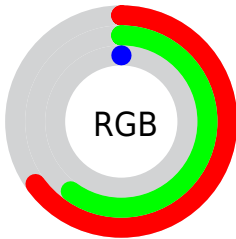
Format	Color
R _Y B	14, 165, 0
Decimal	10852352
CIE Lab	62.00, -8.76, 65.57
CIE LCh	62, 66.155, 97.606
Yxy	30.4025, 0.4337, 0.4939
Android (android.graphics.Color)	4289042432 (0xFFA59800)
YUV	138.5590, -68.3096, 23.1888
Hunter-Lab	55.1385, -10.0654, 33.8080

Details

The CIELCh color **62, 66.155, 97.606** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **20, 92.787, 305.185**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 66.109, 97.531**, and **42, 49.574, 98.809** is the 20% darker color. If you saturate the color by 10%, you get **62, 66.118, 97.609**, and if you desaturate by 10%, it is **62, 63.999, 98.258**.

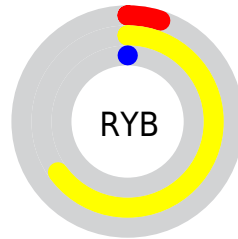
Distribution



Red (65%)

Green (60%)

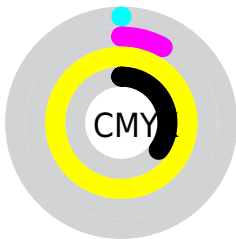
Blue (0%)



Red (5%)

Yellow (65%)

Blue (0%)

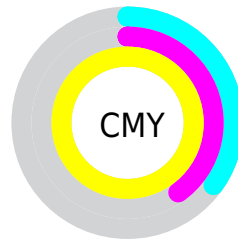


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 66.155, 97.606 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, 66.155, 97.606 by changing the saturation by 10% instead.

■ 62, 66.155, 97.606

■ 62, 66.155, 97.606

■ 100, 66.155,
97.606

■ 52, 66.155, 97.606

■ 82, 66.155, 97.606

■ 42, 66.155, 97.606

■ 92, 66.155, 97.606

■ 32, 66.155, 97.606

■ 22, 66.155, 97.606

■ 12, 66.155, 97.606

■ 2, 66.155, 97.606

■ 0, 66.155, 97.606

■ 62, 66.155, 97.606

■ 62, 66.155, 97.606

■ 62, 66.118, 97.609

■ 62, 63.999, 98.258

■ 63, 60.323, 98.988

■ 63, 54.967, 99.817

■ 64, 48.389,
100.728

■ 64, 41.013,
101.702

■ 65, 33.151,
102.714

■ 66, 25.009,
103.745

■ 66, 16.720,
104.778

■ 67, 8.364, 105.798

Harmonies

Complementary

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



62, 66.155, 97.606



20, 92.787, 305.185

Rectangle

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



62, 66.155, 97.606



62, 66.155, 147.606



62, 66.155, 277.606



62, 66.155, 327.606

Sweetspot

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



62, 66.118, 97.609



83, 30.941, 103.688



34, 71.927, 36.290



43, 21.030, 103.276



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, 66.118, 97.609



79, 80.263, 97.506



61, 76.488, 124.876



34, 4.692, 105.873



55, 60.314, 97.668



5, 7.144, 105.677

Inverse Universe

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



20, 92.787, 305.185



27, 113.765, 305.437



24, 91.542, 310.263



32, 4.777, 287.810



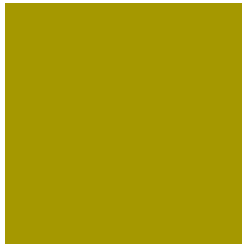
17, 84.119, 305.026



1, 7.385, 287.153

Previews

White Background



This preview shows how the CIELCh color 62, 66.155, 97.606 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, 66.155, 97.606 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, 66.155, 97.606

Background



This preview shows how black text looks on a background with the CIELCh color 62, 66.155, 97.606.

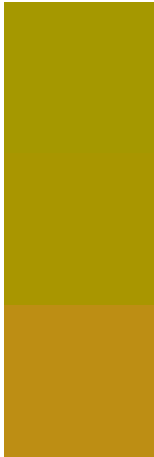


This preview shows how white text looks on a background with the CIELCh color 62, 66.155, 97.606.

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, 66.155, 97.606

Protanopia

62, 65.877, 95.108

Deuteranopia

62, 63.693, 82.909



Tritanopia
62, 14.325, 355.539

Trichromacy



Original Color
62, 66.155, 97.606

Protanomaly
62, 65.998, 96.361

Deuteranomaly
62, 64.227, 88.674

Tritanomaly
61, 29.224, 84.026

Monochromacy



Original Color
62, 66.155, 97.606

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 30.632, 102.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 66.155, 97.606 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(165, 152, 0)` looks like.

```
.text, #text, p{  
    color:rgb(165, 152, 0)  
}
```

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(165, 152, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 152, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 66.155, 97.606 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(165, 152, 0) }
```

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

```
.border{ border-color:rgb(165, 152, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 152, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 152, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 152, 0);  
box-shadow:4px 4px 4px 4px rgb(165, 152,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 66.155, 97.606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 152, 0) }
```

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

```
.background{ background-color: rgb(165,  
152, 0) }
```

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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