

Converting Colors

CIELCh(62, 61.212, 95.531)

Have a look what the booklet for
CIELCh(62, 61.212, 95.531) contains.

CIELCh(62, 61.123, 95.486)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 61.123, 95.486)

Conversions

Conversions Part 1

Format	Color
Hex	A8961B
RGB	168, 150, 27
RGB Percent	66%, 59%, 11%
CMY	0.3393, 0.4101, 0.8957
CMYK	0.00, 0.11, 0.84, 0.34
HSL	52°, 73%, 38%
HSV	52°, 84%, 66%
XYZ	27.4160, 30.4025, 5.4351
YIQ	141.3600, 50.2110, -34.4370

Conversions

Conversions Part 2

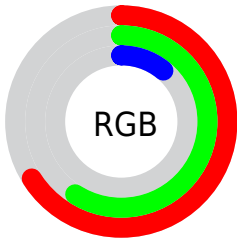
Format	Color
RYB	48, 168, 27
Decimal	11048475
CIELab	62.00, -5.84, 60.84
CIELCh	62, 61.123, 95.486
Yxy	30.4025, 0.4334, 0.4806
Android (android.graphics.Color)	4289238555 (0xFFA8961B)
YUV	141.3600, -56.3795, 23.3633
Hunter-Lab	55.1385, -7.7385, 32.7526

Details

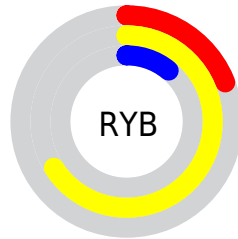
The CIELCh color **62, 61.123, 95.486** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **27, 78.335, 300.854**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 60.760, 95.372**, and **42, 49.163, 95.810** is the 20% darker color. If you saturate the color by 10%, you get **61, 64.002, 94.525**, and if you desaturate by 10%, it is **63, 56.372, 96.480**.

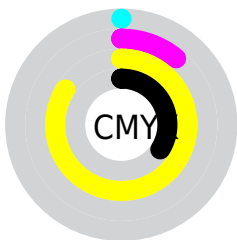
Distribution



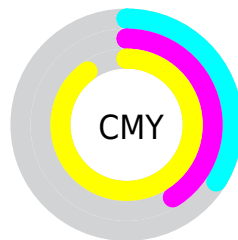
- Red (66%)
- Green (59%)
- Blue (11%)



- Red (19%)
- Yellow (66%)
- Blue (11%)



- Cyan (0%)
- Magenta (11%)
- Yellow (84%)
- Black (34%)



- Cyan (34%)
- Magenta (41%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 61.123, 95.486 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, 61.123, 95.486 by changing the saturation by 10% instead.

■ 62, 61.123, 95.486

■ 62, 61.123, 95.486

■ 100, 61.123,
95.486

■ 52, 61.123, 95.486

■ 82, 61.123, 95.486

■ 42, 61.123, 95.486

■ 92, 61.123, 95.486

■ 32, 61.123, 95.486

■ 22, 61.123, 95.486

■ 12, 61.123, 95.486

■ 2, 61.123, 95.486

■ 0, 61.123, 95.486

■ 62, 61.123, 95.486

■ 62, 61.123, 95.486

■ 61, 64.002, 94.525

■ 63, 56.372, 96.480

61, 65.138, 93.978

63, 50.229, 97.511

64, 43.176, 98.578

65, 35.580, 99.669

66, 27.681,
100.769

67, 19.632,
101.865

68, 11.522,
102.945

69, 3.407, 103.983

70, 4.681, 285.065

Harmonies

Complementary

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



62, 61.123, 95.486



27, 78.335, 300.854

Rectangle

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



62, 61.123, 95.486



62, 61.123, 145.486



62, 61.123, 275.486



62, 61.123, 325.486

Sweetspot

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



62, 61.123, 95.488



85, 25.113, 101.730



37, 61.981, 26.378



44, 17.099, 101.362



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



62, 61.123, 95.488



78, 79.178, 93.798



63, 70.957, 121.555



35, 4.578, 103.466



54, 59.243, 94.082



5, 7.984, 102.067

Inverse Universe

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



27, 78.335, 300.854



29, 112.506, 304.624



27, 84.958, 309.498



33, 4.651, 285.494



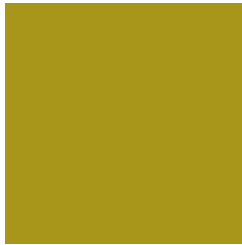
18, 82.400, 304.073



1, 8.534, 285.344

Previews

White Background



This preview shows how the CIELCh color 62, 61.123, 95.486 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, 61.123, 95.486 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, 61.123, 95.486

Background



This preview shows how black text looks on a background with the CIELCh color 62, 61.123, 95.486.



This preview shows how white text looks on a background with the CIELCh color 62, 61.123, 95.486.

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, 60.856, 95.483

Protanopia

62, 60.932, 95.049

Deuteranopia

62, 60.553, 82.252



Tritanopia
62, 15.800, 358.250

Trichromacy



Original Color
62, 60.856, 95.483

Protanomaly
62, 60.932, 95.049

Deuteranomaly
62, 60.422, 86.852

Tritanomaly
62, 25.123, 76.456

Monochromacy



Original Color
62, 60.856, 95.483

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 25.271, 100.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 61.123, 95.486 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(168, 150, 27)` looks like.

```
.text, #text, p{  
    color:rgb(168, 150, 27)  
}
```

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(168, 150, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 150, 27) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 61.123, 95.486 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(168, 150, 27) }
```

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

```
.border{ border-color:rgb(168, 150, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 150, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 150, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 150, 27);  
box-shadow:4px 4px 4px 4px rgb(168, 150,  
27) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 61.123, 95.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 150, 27) }
```

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

```
.background{ background-color: rgb(168,  
150, 27) }
```

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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