

Converting Colors

CIELCh(62, 15.382, 67.456)

Have a look what the booklet for
CIELCh(62, 15.382, 67.456) contains.

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Color

CIELCh(62, 15.394, 66.206)

Conversions

Conversions Part 1

Format	Color
Hex	AA917D
RGB	170, 145, 125
RGB Percent	67%, 57%, 49%
CMY	0.3322, 0.4303, 0.5087
CMYK	0.00, 0.15, 0.26, 0.33
HSL	27°, 21%, 58%
HSV	27°, 26%, 67%
XYZ	30.5279, 30.4025, 23.7531
YIQ	150.1950, 21.3200, -0.9200

Conversions

Conversions Part 2

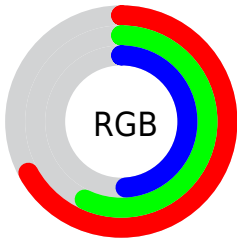
Format	Color
RYB	170, 161, 125
Decimal	11178365
CIELab	62.00, 6.21, 14.09
CIELCh	62, 15.394, 66.206
Yxy	30.4025, 0.3605, 0.3590
Android (android.graphics.Color)	4289368445 (0xFFAA917D)
YUV	150.1950, -12.4211, 17.3690
Hunter-Lab	55.1385, 2.3356, 13.0555

Details

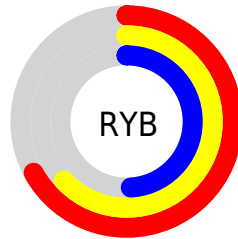
The CIELCh color $62, 15.394, 66.206$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 13.987, 252.919$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 15.324, 65.961$, and $42, 15.415, 67.427$ is the 20% darker color. If you saturate the color by 10%, you get $59, 21.828, 65.118$, and if you desaturate by 10%, it is $65, 9.306, 67.313$.

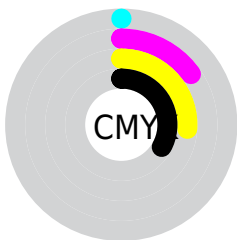
Distribution



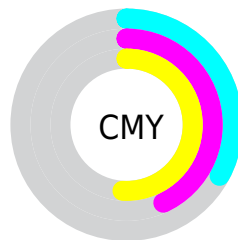
- Red (67%)
- Green (57%)
- Blue (49%)



- Red (67%)
- Yellow (63%)
- Blue (49%)



- Cyan (0%)
- Magenta (15%)
- Yellow (26%)
- Black (33%)



- Cyan (33%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 15.394, 66.206 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, 15.394, 66.206 by changing the saturation by 10% instead.

■ 62, 15.394, 66.206

■ 62, 15.394, 66.206

■ 100, 15.394,
66.206

■ 52, 15.394, 66.206

■ 82, 15.394, 66.206

■ 42, 15.394, 66.206

■ 92, 15.394, 66.206

■ 32, 15.394, 66.206

■ 22, 15.394, 66.206

■ 12, 15.394, 66.206

■ 2, 15.394, 66.206

■ 0, 15.394, 66.206

■ 62, 15.394, 66.206

■ 62, 15.394, 66.206

■ 59, 21.828, 65.118

■ 65, 9.306, 67.313

56, 28.613, 64.035

68, 3.544, 68.363

54, 35.718, 62.960

71, 1.922, 249.761

51, 43.040, 61.866

74, 7.122, 250.711

49, 50.335, 60.672

77, 12.087,
251.753

47, 57.102, 59.192

80, 16.842,
252.777

45, 62.577, 57.139

83, 21.414,
253.770

44, 64.509, 56.498

86, 23.369,
248.958

88, 22.353,
233.660

Harmonies

Complementary

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



62, 15.394, 66.206



61, 13.987, 252.919

Rectangle

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



62, 15.394, 66.206



62, 15.394, 116.206



62, 15.394, 246.206



62, 15.394, 296.206

Sweetspot

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



62, 15.394, 66.215



85, 5.490, 68.195



58, 22.642, 342.410



45, 3.949, 68.043



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



62, 15.394, 66.215



77, 23.514, 65.540



68, 22.922, 104.690



34, 3.112, 68.079



38, 57.980, 56.969



3, 5.425, 61.768

Inverse Universe

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



61, 13.987, 252.919



75, 20.828, 254.065



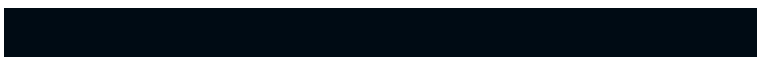
55, 24.172, 290.600



34, 3.022, 250.358



34, 42.311, 277.131



3, 5.851, 257.548

Previews

White Background



This preview shows how the CIELCh color 62, 15.394, 66.206 looks on a white background.

Color Contrast Check

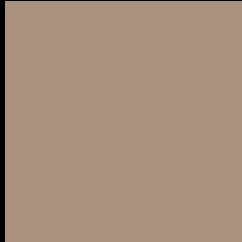
Large Text (above 18pt) WCAG AA × Fail

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, 15.394, 66.206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

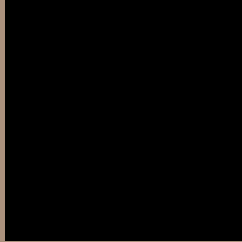
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 15.394, 66.206

Background



This preview shows how black text looks on a background with the CIELCh color 62, 15.394, 66.206.



This preview shows how white text looks on a background with the CIELCh color 62, 15.394, 66.206.

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, 15.394, 66.206

Protanopia

62, 13.239, 94.363

Deuteranopia

62, 16.255, 60.662



Tritanopia
62, 13.968, 354.784

Trichromacy



Original Color
62, 15.394, 66.206

Protanomaly
62, 13.605, 83.598

Deuteranomaly
62, 15.930, 61.648

Tritanomaly
62, 11.677, 23.241

Monochromacy



Original Color
62, 15.394, 66.206

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 5.291, 67.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 15.394, 66.206 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(170, 145, 125)` looks like.

```
.text, #text, p{  
    color:rgb(170, 145, 125)  
}
```

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(170, 145, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 145, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 15.394, 66.206 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(170, 145, 125) }
```

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

```
.border{ border-color:rgb(170, 145, 125) }
```

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

Here you see how a box with a 4 pixel rgb(170, 145, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 145, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 145, 125);  
box-shadow:4px 4px 4px 4px rgb(170, 145,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 15.394, 66.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 145, 125) }
```

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

```
.background{ background-color: rgb(170,  
145, 125) }
```

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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