

Converting Colors

CIELCh(62, 15.128, 16.952)

Have a look what the booklet for
CIELCh(62, 15.128, 16.952) contains.

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Color

CIELCh(62, 14.930, 16.642)

Conversions

Conversions Part 1

Format	Color
Hex	B28D8F
RGB	178, 141, 143
RGB Percent	70%, 55%, 56%
CMY	0.3028, 0.4479, 0.4400
CMYK	0.00, 0.21, 0.20, 0.30
HSL	357°, 19%, 62%
HSV	357°, 21%, 70%
XYZ	32.7443, 30.4025, 30.0450
YIQ	152.2910, 21.4100, 8.4660

Conversions

Conversions Part 2

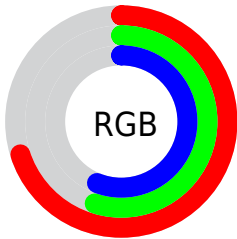
Format	Color
R _Y B	178, 141, 143
Decimal	11701647
CIE Lab	62.00, 14.30, 4.28
CIE LCh	62, 14.930, 16.642
Yxy	30.4025, 0.3514, 0.3262
Android (android.graphics.Color)	4289891727 (0xFFB28D8F)
YUV	152.2910, -4.5805, 22.5468
Hunter-Lab	55.1385, 9.5107, 6.2898

Details

The CIELCh color $62, 14.930, 16.642$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $70, 13.220, 193.576$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 14.753, 16.469$, and $42, 14.914, 16.906$ is the 20% darker color. If you saturate the color by 10%, you get $57, 22.858, 17.841$, and if you desaturate by 10%, it is $67, 7.485, 15.674$.

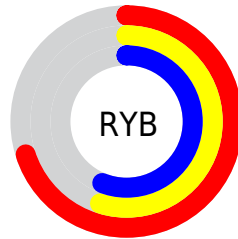
Distribution



Red (70%)

Green (55%)

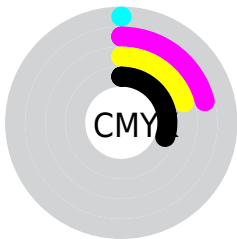
Blue (56%)



Red (70%)

Yellow (55%)

Blue (56%)

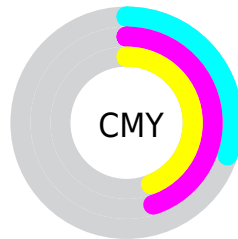


Cyan (0%)

Magenta (21%)

Yellow (20%)

Black (30%)



Cyan (30%)

Magenta (45%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 14.930, 16.642 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, 14.930, 16.642 by changing the saturation by 10% instead.

■ 62, 14.930, 16.642

■ 62, 14.930, 16.642

■ 100, 14.930,
16.642

■ 52, 14.930, 16.642

■ 82, 14.930, 16.642

■ 42, 14.930, 16.642

■ 92, 14.930, 16.642

■ 32, 14.930, 16.642

■ 22, 14.930, 16.642

■ 12, 14.930, 16.642

■ 2, 14.930, 16.642

■ 0, 14.930, 16.642

■ 62, 14.930, 16.642

■ 62, 14.930, 16.642

■ 57, 22.858, 17.841

■ 67, 7.485, 15.674

53, 31.212, 19.349

72, 0.539, 14.055

48, 39.858, 21.276

77, 5.928, 194.442

45, 48.588, 23.741

82, 11.951,
193.881

42, 57.126, 26.844

88, 17.574,
193.431

39, 65.160, 30.579

38, 72.273, 34.651

93, 22.839,
193.051

37, 77.459, 37.781

95, 24.613,
197.900

Harmonies

Complementary

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



62, 14.930, 16.642



70, 13.220, 193.576

Rectangle

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



62, 14.930, 16.642



62, 14.930, 66.642



62, 14.930, 196.642



62, 14.930, 246.642

Sweetspot

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



62, 14.928, 16.648



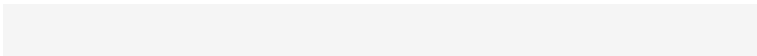
88, 5.077, 15.244



63, 24.348, 323.670



47, 3.402, 15.305



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



62, 14.928, 16.648



76, 22.633, 17.168



66, 12.304, 65.577



35, 3.916, 15.541



31, 68.947, 37.326



2, 9.180, 15.938

Inverse Universe

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



62, 14.928, 16.648



76, 22.633, 17.168



65, 11.387, 250.639



35, 3.916, 15.541



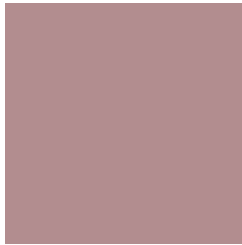
31, 68.947, 37.326



2, 9.180, 15.938

Previews

White Background



This preview shows how the CIELCh color 62, 14.930, 16.642 looks on a white background.

Color Contrast Check

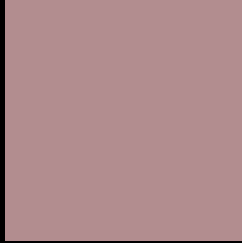
Large Text (above 18pt) WCAG AA × Fail

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, 14.930, 16.642 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, 14.930, 16.642

Background



This preview shows how black text looks on a background with the CIELCh color 62, 14.930, 16.642.



This preview shows how white text looks on a background with the CIELCh color 62, 14.930, 16.642.

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, 14.930, 16.642

Protanopia

62, 1.645, 39.141

Deuteranopia

62, 9.376, 30.480



Tritanopia
62, 16.379, 1.278

Trichromacy



Original Color
62, 14.930, 16.642

Protanomaly
62, 6.314, 19.950

Deuteranomaly
62, 11.677, 23.241

Tritanomaly
62, 16.004, 7.006

Monochromacy



Original Color
62, 14.930, 16.642

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 5.122, 13.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 14.930, 16.642 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(178, 141, 143)` looks like.

```
.text, #text, p{  
    color:rgb(178, 141, 143)  
}
```

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(178, 141, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 141, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 14.930, 16.642 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(178, 141, 143) }
```

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

```
.border{ border-color:rgb(178, 141, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 141, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 141, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 141, 143);  
box-shadow:4px 4px 4px 4px rgb(178, 141,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 14.930, 16.642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 141, 143) }
```

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

```
.background{ background-color: rgb(178,  
141, 143) }
```

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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