

Converting Colors

CIELCh(62, 21.149, 73.314)

Have a look what the booklet for
CIELCh(62, 21.149, 73.314) contains.

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Color

CIELCh(62, 21.224, 73.827)

Conversions

Conversions Part 1

Format	Color
Hex	AD9172
RGB	173, 145, 114
RGB Percent	68%, 57%, 45%
CMY	0.3211, 0.4309, 0.5525
CMYK	0.00, 0.16, 0.34, 0.32
HSL	32°, 26%, 56%
HSV	32°, 34%, 68%
XYZ	30.4480, 30.4025, 20.2168
YIQ	149.8380, 26.6390, -3.7050

Conversions

Conversions Part 2

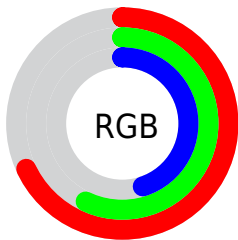
Format	Color
RYB	167, 173, 114
Decimal	11374962
CIELab	62.00, 5.91, 20.38
CIElCh	62, 21.224, 73.827
Yxy	30.4025, 0.3756, 0.3750
Android (android.graphics.Color)	4289565042 (0xFFAD9172)
YUV	149.8380, -17.6681, 20.3131
Hunter-Lab	55.1385, 2.0769, 16.8580

Details

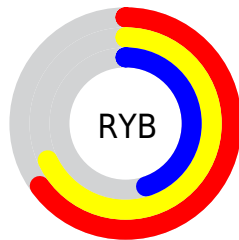
The CIELCh color **62, 21.224, 73.827** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **58, 19.610, 263.641**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 21.211, 74.442**, and **42, 21.284, 73.743** is the 20% darker color. If you saturate the color by 10%, you get **60, 28.024, 72.535**, and if you desaturate by 10%, it is **65, 14.683, 75.111**.

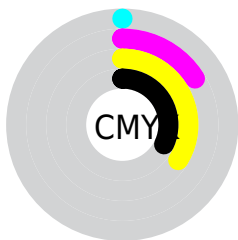
Distribution



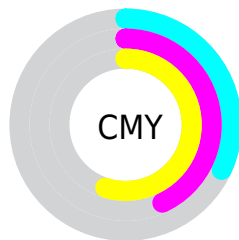
- Red (68%)
- Green (57%)
- Blue (45%)



- Red (65%)
- Yellow (68%)
- Blue (45%)



- Cyan (0%)
- Magenta (16%)
- Yellow (34%)
- Black (32%)



- Cyan (32%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 21.224, 73.827 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, 21.224, 73.827 by changing the saturation by 10% instead.

■ 62, 21.224, 73.827

■ 62, 21.224, 73.827

■ 100, 21.224,
73.827

■ 52, 21.224, 73.827

■ 82, 21.224, 73.827

■ 42, 21.224, 73.827

■ 92, 21.224, 73.827

■ 32, 21.224, 73.827

■ 22, 21.224, 73.827

■ 12, 21.224, 73.827

■ 2, 21.224, 73.827

■ 0, 21.224, 73.827

■ 62, 21.224, 73.827

■ 62, 21.224, 73.827

■ 60, 28.024, 72.535

■ 65, 14.683, 75.111

■ 57, 35.040, 71.210

■ 67, 8.406, 76.358

■ 55, 42.160, 69.835

■ 70, 2.384, 77.501

■ 53, 49.142, 68.345

■ 72, 3.402, 258.928

■ 51, 55.518, 66.600

■ 75, 8.976, 260.038

■ 49, 60.530, 64.337

■ 78, 14.358,
261.150

■ 47, 63.094, 62.923

■ 80, 19.570,
262.225

■ 83, 24.631,
263.255

■ 85, 23.278,
253.458

Harmonies

Complementary

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



62, 21.224, 73.827



58, 19.610, 263.641

Rectangle

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



62, 21.224, 73.827



62, 21.224, 123.827



62, 21.224, 253.827



62, 21.224, 303.827

Sweetspot

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



62, 21.224, 73.834



86, 7.309, 76.831



55, 28.162, 347.826



45, 4.995, 76.668



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, 21.224, 73.834



76, 32.031, 72.845



69, 31.756, 107.680



35, 3.349, 76.933



41, 56.798, 63.378



4, 6.566, 67.811

Inverse Universe

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



58, 19.610, 263.641



70, 29.022, 265.360



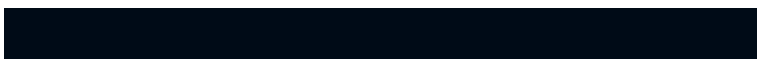
50, 34.521, 294.973



35, 3.291, 259.393



31, 50.412, 285.710



3, 7.541, 266.530

Previews

White Background



This preview shows how the CIELCh color 62, 21.224, 73.827 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 CIELCh color 62, 21.224, 73.827 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, 21.224, 73.827

Background



This preview shows how black text looks on a background with the CIELCh color 62, 21.224, 73.827.



This preview shows how white text looks on a background with the CIELCh color 62, 21.224, 73.827.

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, 21.224, 73.827

Protanopia

62, 19.389, 95.503

Deuteranopia

62, 21.879, 69.414



Tritanopia
62, 15.800, 358.250

Trichromacy



Original Color
62, 21.224, 73.827

Protanomaly
62, 19.811, 86.745

Deuteranomaly
62, 21.596, 70.288

Tritanomaly
62, 14.051, 29.791

Monochromacy



Original Color
62, 21.224, 73.827

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 7.340, 76.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 21.224, 73.827 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(173, 145, 114)` looks like.

```
.text, #text, p{  
    color:rgb(173, 145, 114)  
}
```

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(173, 145, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 145, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 21.224, 73.827 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(173, 145, 114) }
```

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

```
.border{ border-color:rgb(173, 145, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 145, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 145, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 145, 114);  
box-shadow:4px 4px 4px 4px rgb(173, 145,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 21.224, 73.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 145, 114) }
```

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

```
.background{ background-color: rgb(173,  
145, 114) }
```

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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