

Converting Colors

CIELCh(62, 22.760, 55.694)

Have a look what the booklet for
CIELCh(62, 22.760, 55.694) contains.

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Color

CIELCh(62, 22.735, 56.382)

Conversions

Conversions Part 1

Format	Color
Hex	B78D75
RGB	183, 141, 117
RGB Percent	72%, 55%, 46%
CMY	0.2823, 0.4470, 0.5412
CMYK	0.00, 0.23, 0.36, 0.28
HSL	22°, 31%, 59%
HSV	22°, 36%, 72%
XYZ	32.2653, 30.4025, 20.9982
YIQ	150.8220, 32.7360, 1.4400

Conversions

Conversions Part 2

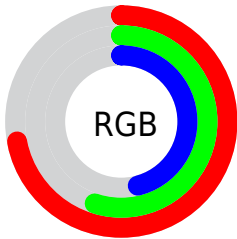
Format	Color
RYB	183, 155, 117
Decimal	12029301
CIELab	62.00, 12.59, 18.93
CIElCh	62, 22.735, 56.382
Yxy	30.4025, 0.3856, 0.3634
Android (android.graphics.Color)	4290219381 (0xFFB78D75)
YUV	150.8220, -16.6742, 28.2201
Hunter-Lab	55.1385, 7.9603, 16.0177

Details

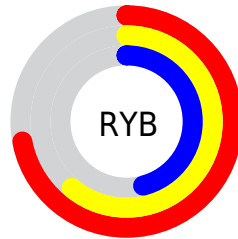
The CIELCh color **62, 22.735, 56.382** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **63, 18.844, 244.277**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 22.764, 57.129**, and **42, 22.740, 56.037** is the 20% darker color. If you saturate the color by 10%, you get **59, 30.070, 55.666**, and if you desaturate by 10%, it is **65, 15.866, 57.171**.

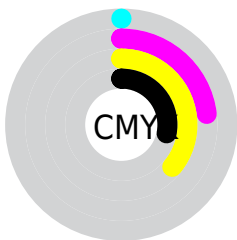
Distribution



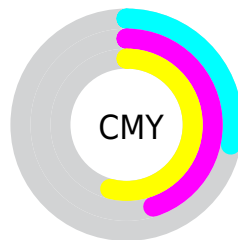
- Red (72%)
- Green (55%)
- Blue (46%)



- Red (72%)
- Yellow (61%)
- Blue (46%)



- Cyan (0%)
- Magenta (23%)
- Yellow (36%)
- Black (28%)



- Cyan (28%)
- Magenta (45%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 22.735, 56.382 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, 22.735, 56.382 by changing the saturation by 10% instead.

■ 62, 22.735, 56.382

■ 62, 22.735, 56.382

■ 100, 22.735,
56.382

■ 52, 22.735, 56.382

■ 82, 22.735, 56.382

■ 42, 22.735, 56.382

■ 92, 22.735, 56.382

■ 32, 22.735, 56.382

■ 22, 22.735, 56.382

■ 12, 22.735, 56.382

■ 2, 22.735, 56.382

■ 0, 22.735, 56.382

■ 62, 22.735, 56.382

■ 62, 22.735, 56.382

■ 59, 30.070, 55.666

■ 65, 15.866, 57.171

56, 37.856, 55.008

69, 9.449, 57.994

53, 46.004, 54.396

72, 3.448, 58.790

50, 54.281, 53.751

76, 2.176, 240.017

47, 62.162, 52.873

79, 7.464, 240.779

45, 68.700, 51.382

83, 12.456,
241.658

44, 71.150, 50.880

87, 17.186,
242.538

90, 19.300,
232.880

93, 20.544,
211.645

Harmonies

Complementary

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



62, 22.735, 56.382



63, 18.844, 244.277

Rectangle

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



62, 22.735, 56.382



62, 22.735, 106.382



62, 22.735, 236.382



62, 22.735, 286.382

Sweetspot

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



62, 22.734, 56.389



89, 7.856, 58.398



57, 34.567, 339.203



47, 5.346, 58.287



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



62, 22.734, 56.389



76, 34.369, 55.830



70, 30.527, 99.247



37, 3.266, 58.546



38, 62.827, 51.356



4, 8.777, 47.347

Inverse Universe

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



63, 18.844, 244.277



78, 27.184, 245.840



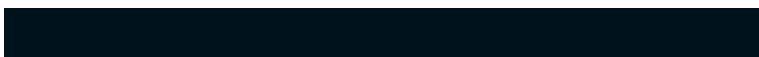
54, 32.352, 288.360



37, 3.133, 240.464



40, 37.563, 266.274



5, 9.048, 253.594

Previews

White Background



This preview shows how the CIELCh color 62, 22.735, 56.382 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, 22.735, 56.382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

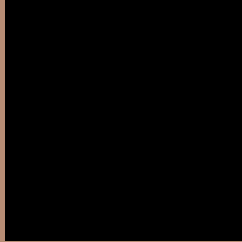
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 22.735, 56.382

Background



This preview shows how black text looks on a background with the CIELCh color 62, 22.735, 56.382.



This preview shows how white text looks on a background with the CIELCh color 62, 22.735, 56.382.

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, 22.735, 56.382

Protanopia

62, 16.588, 95.300

Deuteranopia

62, 20.982, 67.737



Tritanopia
62, 20.304, 5.741

Trichromacy



Original Color
62, 22.735, 56.382

Protanomaly
62, 17.555, 78.219

Deuteranomaly
62, 21.816, 63.525

Tritanomaly
62, 19.374, 24.608

Monochromacy



Original Color
62, 22.735, 56.382

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 7.836, 54.521

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 22.735, 56.382 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(183, 141, 117)` looks like.

```
.text, #text, p{  
    color:rgb(183, 141, 117)  
}
```

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(183, 141, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 141, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 22.735, 56.382 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(183, 141, 117) }
```

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

```
.border{ border-color:rgb(183, 141, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 141, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 141, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 141, 117);  
box-shadow:4px 4px 4px 4px rgb(183, 141,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 22.735, 56.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 141, 117) }
```

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

```
.background{ background-color: rgb(183,  
141, 117) }
```

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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