

Converting Colors

CIELCh(60, 22.707, 62.051)

Have a look what the booklet for
CIELCh(60, 22.707, 62.051) contains.

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Color

CIELCh(60, 22.687, 61.910)

Conversions

Conversions Part 1

Format	Color
Hex	AF896E
RGB	175, 137, 110
RGB Percent	69%, 54%, 43%
CMY	0.3138, 0.4628, 0.5687
CMYK	0.00, 0.22, 0.37, 0.31
HSL	25°, 29%, 56%
HSV	25°, 37%, 69%
XYZ	29.4316, 28.1233, 18.6239
YIQ	145.2840, 31.3150, -0.3410

Conversions

Conversions Part 2

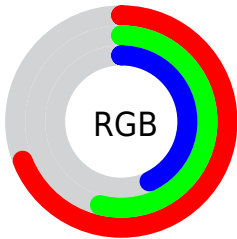
Format	Color
R_{YB}	175, 156, 110
Decimal	11503982
CIE _{Lab}	60.00, 10.68, 20.01
CIE _{LCh}	60, 22.687, 61.910
Yxy	28.1233, 0.3863, 0.3692
Android (android.graphics.Color)	4289694062 (0xFFAF896E)
YUV	145.2840, -17.3950, 26.0609
Hunter-Lab	53.0314, 6.2595, 16.3001

Details

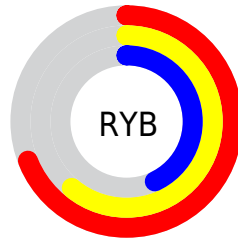
The CIELCh color $60, 22.687, 61.910$ is a dark color, and the websafe version is hex $CC9966$. A complement of this color would be $60, 19.322, 251.357$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 22.670, 60.845$, and $40, 22.727, 61.800$ is the 20% darker color. If you saturate the color by 10%, you get $57, 29.692, 60.948$, and if you desaturate by 10%, it is $63, 16.074, 62.913$.

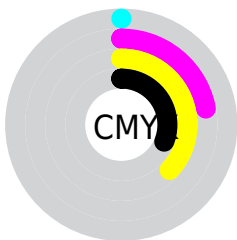
Distribution



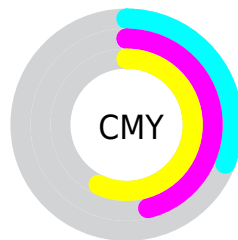
- Red (69%)
- Green (54%)
- Blue (43%)



- Red (69%)
- Yellow (61%)
- Blue (43%)



- Cyan (0%)
- Magenta (22%)
- Yellow (37%)
- Black (31%)



- Cyan (31%)
- Magenta (46%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 22.687, 61.910 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 60, 22.687, 61.910 by changing the saturation by 10% instead.

60, 22.687, 61.910

60, 22.687, 61.910

100, 22.687,
61.910

50, 22.687, 61.910

80, 22.687, 61.910

40, 22.687, 61.910

90, 22.687, 61.910

30, 22.687, 61.910

20, 22.687, 61.910

10, 22.687, 61.910

0, 22.687, 61.910

60, 22.687, 61.910

60, 22.687, 61.910

57, 29.692, 60.948

63, 16.074, 62.913

54, 37.062, 60.007

66, 9.848, 63.926

■ 52, 44.691, 59.063

■ 69, 3.983, 64.910

■ 49, 52.323, 58.028

■ 72, 1.555, 246.304

■ 47, 59.417, 56.699

■ 76, 6.798, 247.145

■ 45, 65.191, 54.789

■ 79, 11.782,
248.139

■ 44, 66.843, 54.339

■ 82, 16.536,
249.125

■ 85, 21.089,
250.085

■ 88, 21.363,
238.162

Harmonies

Complementary

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



60, 22.687, 61.910



60, 19.322, 251.357

Rectangle

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



60, 22.687, 61.910



60, 22.687, 111.910



60, 22.687, 241.910



60, 22.687, 291.910

Sweetspot

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



60, 22.687, 61.916



86, 7.668, 64.524



54, 33.214, 341.752



45, 5.214, 64.393



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



60, 22.687, 61.916



73, 34.870, 61.079



68, 31.747, 101.898



35, 3.153, 64.708



38, 59.589, 54.825



4, 6.391, 56.377

Inverse Universe

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



60, 19.322, 251.357



72, 28.439, 253.323



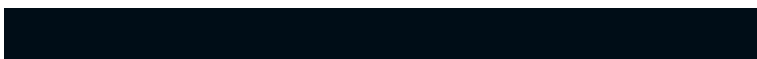
51, 34.141, 290.911



35, 3.048, 246.883



36, 40.467, 273.554



3, 6.899, 256.626

Previews

White Background



This preview shows how the CIELCh color 60, 22.687, 61.910 looks on a white background.

Color Contrast Check

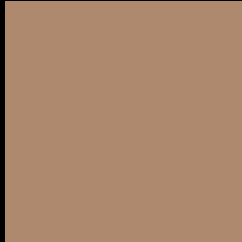
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 22.687, 61.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

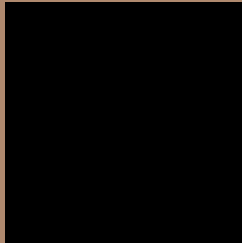
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 22.687, 61.910

Background



This preview shows how black text looks on a background with the CIELCh color 60, 22.687, 61.910.



This preview shows how white text looks on a background with the CIELCh color 60, 22.687, 61.910.

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

60, 22.687, 61.910

Protanopia

60, 18.325, 96.129

Deuteranopia

60, 21.304, 69.361



Tritanopia
60, 19.381, 3.056

Trichromacy



Original Color
60, 22.687, 61.910

Protanomaly
60, 18.969, 81.453

Deuteranomaly
60, 21.789, 65.919

Tritanomaly
60, 17.900, 26.554

Monochromacy



Original Color
60, 22.687, 61.910

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 8.004, 64.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 22.687, 61.910 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(175, 137, 110)` looks like.

```
.text, #text, p{  
    color:rgb(175, 137, 110)  
}
```

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(175, 137, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 137, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 22.687, 61.910 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(175, 137, 110) }
```

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

```
.border{ border-color:rgb(175, 137, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 137, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 137, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 137, 110);  
box-shadow:4px 4px 4px 4px rgb(175, 137,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 22.687, 61.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 137, 110) }
```

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

```
.background{ background-color: rgb(175,  
137, 110) }
```

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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