

Converting Colors

CIELCh(61, 31.080, 79.728)

Have a look what the booklet for
CIELCh(61, 31.080, 79.728) contains.

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Color

CIELCh(61, 31.080, 79.728)

Conversions

Conversions Part 1

Format	Color
Hex	AE8E5D
RGB	174, 142, 93
RGB Percent	68%, 56%, 36%
CMY	0.3166, 0.4421, 0.6343
CMYK	0.00, 0.18, 0.46, 0.32
HSL	36°, 33%, 52%
HSV	36°, 46%, 68%
XYZ	29.2155, 29.2481, 14.5187
YIQ	145.9820, 34.8010, -8.4550

Conversions

Conversions Part 2

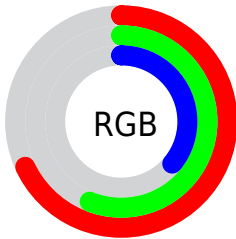
Format	Color
R_{YB}	146, 174, 93
Decimal	11439709
CIE _{Lab}	61.00, 5.54, 30.58
CIE _{LCh}	61, 31.080, 79.728
Yxy	29.2481, 0.4003, 0.4008
Android (android.graphics.Color)	4289629789 (0xFFAE8E5D)
YUV	145.9820, -26.1201, 24.5718
Hunter-Lab	54.0815, 1.7851, 21.9402

Details

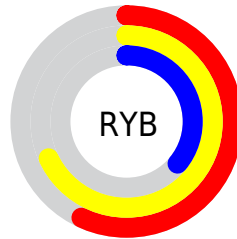
The CIELCh color **61, 31.080, 79.728** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **52, 29.629, 274.218**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 31.186, 80.204**, and **41, 30.993, 79.328** is the 20% darker color. If you saturate the color by 10%, you get **59, 38.137, 78.303**, and if you desaturate by 10%, it is **63, 24.087, 81.115**.

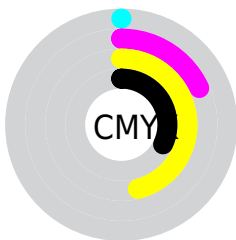
Distribution



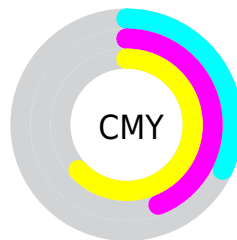
- Red (68%)
- Green (56%)
- Blue (36%)



- Red (57%)
- Yellow (68%)
- Blue (36%)



- Cyan (0%)
- Magenta (18%)
- Yellow (46%)
- Black (32%)



- Cyan (32%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 31.080, 79.728 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 61, 31.080, 79.728 by changing the saturation by 10% instead.

■ 61, 31.080, 79.728

■ 61, 31.080, 79.728

■ 100, 31.080,
79.728

■ 51, 31.080, 79.728

■ 81, 31.080, 79.728

■ 41, 31.080, 79.728

■ 91, 31.080, 79.728

■ 31, 31.080, 79.728

■ 21, 31.080, 79.728

■ 11, 31.080, 79.728

■ 1, 31.080, 79.728

■ 0, 31.080, 79.728

■ 61, 31.080, 79.728

■ 61, 31.080, 79.728

■ 59, 38.137, 78.303

■ 63, 24.087, 81.115

57, 45.084, 76.799

65, 17.241, 82.459

55, 51.592, 75.153

67, 10.576, 83.763

53, 57.100, 73.230

70, 4.099, 84.998

52, 60.941, 70.835

72, 2.193, 266.411

51, 62.188, 70.003

74, 8.312, 267.509

77, 14.274,
268.633

79, 20.091,
269.713

81, 25.779,
270.744

Harmonies

Complementary

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



61, 31.080, 79.728



52, 29.629, 274.218

Rectangle

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



61, 31.080, 79.728



61, 31.080, 129.728



61, 31.080, 259.728



61, 31.080, 309.728

Sweetspot

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



61, 31.080, 79.733



86, 11.089, 84.049



50, 36.962, 354.829



46, 7.742, 83.779



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



61, 31.080, 79.733



75, 46.876, 78.232



69, 43.090, 110.424



36, 3.575, 84.664



44, 55.777, 70.429



4, 6.887, 76.388

Inverse Universe

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



52, 29.629, 274.218



62, 44.413, 277.086



44, 48.601, 299.381



35, 3.550, 267.130



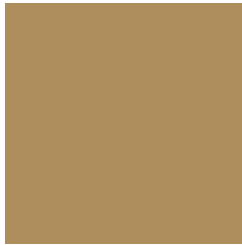
28, 58.462, 292.087



2, 8.059, 272.003

Previews

White Background



This preview shows how the CIELCh color 61, 31.080, 79.728 looks on a white background.

Color Contrast Check

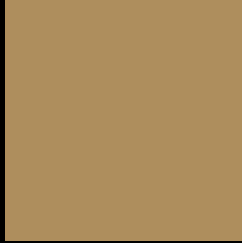
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 61, 31.080, 79.728 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 61, 31.080, 79.728

Background



This preview shows how black text looks on a background with the CIELCh color 61, 31.080, 79.728.



This preview shows how white text looks on a background with the CIELCh color 61, 31.080, 79.728.

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

61, 31.080, 79.728

Protanopia

61, 29.411, 95.699

Deuteranopia

61, 31.344, 75.411



Tritanopia
61, 17.995, 3.305

Trichromacy



Original Color
61, 31.080, 79.728

Protanomaly
61, 29.777, 89.663

Deuteranomaly
61, 31.091, 76.095

Tritanomaly
61, 17.547, 41.253

Monochromacy



Original Color
61, 31.080, 79.728

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 11.069, 84.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 31.080, 79.728 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(174, 142, 93)` looks like.

```
.text, #text, p{  
    color:rgb(174, 142, 93)  
}
```

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(174, 142, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 142, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 31.080, 79.728 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(174, 142, 93) }
```

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

```
.border{ border-color:rgb(174, 142, 93) }
```

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

Here you see how a box with a 4 pixel rgb(174, 142, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 142, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 142, 93);  
box-shadow:4px 4px 4px 4px rgb(174, 142,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 31.080, 79.728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 142, 93) }
```

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

```
.background{ background-color: rgb(174,  
142, 93) }
```

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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