

Converting Colors

CIELCh(61, 12.628, 77.355)

Have a look what the booklet for
CIELCh(61, 12.628, 77.355) contains.

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Color

CIELCh(61, 12.567, 77.181)

Conversions

Conversions Part 1

Format	Color
Hex	A1917E
RGB	161, 145, 126
RGB Percent	63%, 57%, 49%
CMY	0.3694, 0.4321, 0.5066
CMYK	0.00, 0.10, 0.22, 0.37
HSL	33°, 16%, 56%
HSV	33°, 22%, 63%
XYZ	28.5060, 29.2481, 23.8168
YIQ	147.6180, 15.6350, -2.5170

Conversions

Conversions Part 2

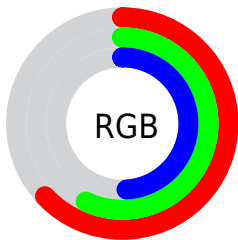
Format	Color
RYB	155, 161, 126
Decimal	10588542
CIELab	61.00, 2.79, 12.25
CIELCh	61, 12.567, 77.181
Yxy	29.2481, 0.3495, 0.3586
Android (android.graphics.Color)	4288778622 (0xFFA1917E)
YUV	147.6180, -10.6577, 11.7360
Hunter-Lab	54.0815, -0.5566, 11.7465

Details

The CIELCh color $61, 12.567, 77.181$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 12.055, 263.088$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 12.454, 77.484$, and $41, 12.648, 78.270$ is the 20% darker color. If you saturate the color by 10%, you get $59, 18.706, 75.906$, and if you desaturate by 10%, it is $63, 6.659, 78.436$.

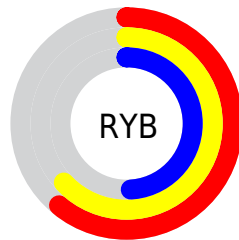
Distribution



Red (63%)

Green (57%)

Blue (49%)



Red (61%)

Yellow (63%)

Blue (49%)

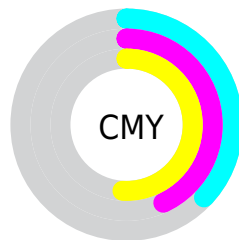


Cyan (0%)

Magenta (10%)

Yellow (22%)

Black (37%)



Cyan (37%)

Magenta (43%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 12.567, 77.181 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, 12.567, 77.181 by changing the saturation by 10% instead.

■ 61, 12.567, 77.181

■ 61, 12.567, 77.181

■ 100, 12.567,
77.181

■ 51, 12.567, 77.181

■ 81, 12.567, 77.181

■ 41, 12.567, 77.181

■ 91, 12.567, 77.181

■ 31, 12.567, 77.181

■ 21, 12.567, 77.181

■ 11, 12.567, 77.181

■ 1, 12.567, 77.181

■ 0, 12.567, 77.181

■ 61, 12.567, 77.181

■ 61, 12.567, 77.181

■ 59, 18.706, 75.906

■ 63, 6.659, 78.436

■ 56, 25.071, 74.595

■ 66, 0.972, 79.421

■ 54, 31.629, 73.255

■ 68, 4.510, 260.975

■ 52, 38.290, 71.869

■ 71, 9.807, 262.098

■ 50, 44.861, 70.388

■ 73, 14.937,
263.201

■ 48, 50.965, 68.702

■ 76, 19.919,
264.262

■ 46, 55.970, 66.597

■ 78, 24.767,
265.278

■ 45, 59.360, 64.665

■ 81, 29.497,
266.247

■ 83, 27.314,
257.974

Harmonies

Complementary

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



61, 12.567, 77.181



58, 12.055, 263.088

Rectangle

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



61, 12.567, 77.181



61, 12.567, 127.181



61, 12.567, 257.181



61, 12.567, 307.181

Sweetspot

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



61, 12.568, 77.191



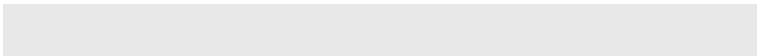
82, 4.864, 78.983



56, 16.647, 347.429



43, 3.157, 78.922



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 12.568, 77.191



76, 18.771, 76.587



65, 19.245, 109.540



33, 3.226, 78.734



41, 55.063, 65.003



3, 4.763, 74.527

Inverse Universe

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



58, 12.055, 263.088



72, 17.822, 263.926



54, 20.223, 293.781



33, 3.179, 261.186



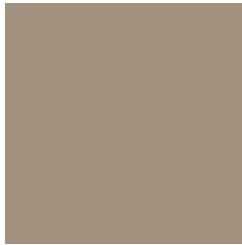
29, 50.689, 287.123



2, 5.150, 264.129

Previews

White Background



This preview shows how the CIELCh color 61, 12.567, 77.181 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, 12.567, 77.181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

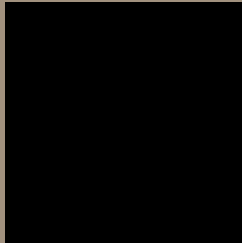
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 12.567, 77.181

Background



This preview shows how black text looks on a background with the CIELCh color 61, 12.567, 77.181.



This preview shows how white text looks on a background with the CIELCh color 61, 12.567, 77.181.

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, 12.567, 77.181

Protanopia

61, 11.666, 92.571

Deuteranopia

61, 14.481, 58.189



Tritanopia
61, 10.895, 346.007

Trichromacy



Original Color
61, 12.567, 77.181

Protanomaly
61, 11.572, 85.963

Deuteranomaly
61, 13.570, 64.305

Tritanomaly
61, 8.375, 20.187

Monochromacy



Original Color
61, 12.567, 77.181

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.580, 78.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 12.567, 77.181 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(161, 145, 126)` looks like.

```
.text, #text, p{  
    color:rgb(161, 145, 126)  
}
```

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(161, 145, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 145, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 12.567, 77.181 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(161, 145, 126) }
```

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

```
.border{ border-color:rgb(161, 145, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 145, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 145, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 145, 126); box-shadow:4px 4px 4px 4px rgb(161, 145, 126) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 12.567, 77.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 145, 126) }
```

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

```
.background{ background-color: rgb(161,  
145, 126) }
```

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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