

Converting Colors

CIELCh(61, 10.506, 12.200)

Have a look what the booklet for
CIELCh(61, 10.506, 12.200) contains.

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Color

CIELCh(61, 10.484, 11.247)

Conversions

Conversions Part 1

Format	Color
Hex	A78D90
RGB	167, 141, 144
RGB Percent	65%, 55%, 56%
CMY	0.3454, 0.4473, 0.4356
CMYK	0.00, 0.16, 0.14, 0.35
HSL	353°, 13%, 60%
HSV	353°, 16%, 65%
XYZ	30.4642, 29.2481, 30.3973
YIQ	149.1160, 14.5330, 6.4450

Conversions

Conversions Part 2

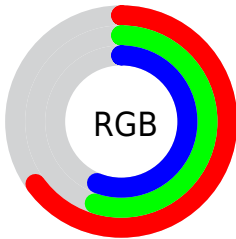
Format	Color
R _Y B	167, 141, 144
Decimal	10980752
CIE Lab	61.00, 10.28, 2.04
CIE LCh	61, 10.484, 11.247
Yxy	29.2481, 0.3381, 0.3246
Android (android.graphics.Color)	4289170832 (0xFFA78D90)
YUV	149.1160, -2.5222, 15.6843
Hunter-Lab	54.0815, 5.9064, 4.5323

Details

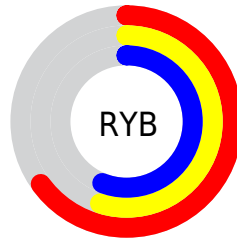
The CIELCh color $61, 10.484, 11.247$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 9.706, 188.736$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 10.216, 11.259$, and $41, 10.516, 10.999$ is the 20% darker color. If you saturate the color by 10%, you get $56, 17.738, 12.404$, and if you desaturate by 10%, it is $66, 3.636, 10.238$.

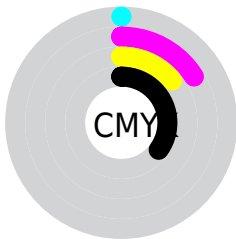
Distribution



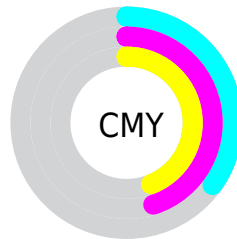
- Red (65%)
- Green (55%)
- Blue (56%)



- Red (65%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (16%)
- Yellow (14%)
- Black (35%)



- Cyan (35%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 10.484, 11.247 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, 10.484, 11.247 by changing the saturation by 10% instead.

■ 61, 10.484, 11.247

■ 61, 10.484, 11.247

■ 100, 10.484,
11.247

■ 51, 10.484, 11.247

■ 81, 10.484, 11.247

■ 41, 10.484, 11.247

■ 91, 10.484, 11.247

■ 31, 10.484, 11.247

■ 21, 10.484, 11.247

■ 11, 10.484, 11.247

■ 1, 10.484, 11.247

■ 0, 10.484, 11.247

■ 61, 10.484, 11.247

■ 61, 10.484, 11.247

■ 56, 17.738, 12.404

■ 66, 3.636, 10.238

52, 25.353, 13.806

71, 2.794, 189.751

48, 33.223, 15.555

76, 8.822, 188.971

44, 41.170, 17.765

80, 14.478,
188.377

41, 48.951, 20.564

85, 19.796,
187.866

38, 56.298, 24.064

36, 62.983, 28.265

90, 24.810,
187.419

35, 68.818, 32.869

95, 28.408,
189.577

35, 71.238, 34.656

95, 27.578,
197.717

Harmonies

Complementary

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



61, 10.484, 11.247



66, 9.706, 188.736

Rectangle

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



61, 10.484, 11.247



61, 10.484, 61.247



61, 10.484, 191.247



61, 10.484, 241.247

Sweetspot

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



61, 10.482, 11.255



84, 4.029, 10.185



61, 17.030, 321.962



44, 2.777, 10.259



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



61, 10.482, 11.255



75, 16.003, 11.664



64, 8.501, 60.353



33, 3.761, 10.618



30, 64.818, 34.150



1, 6.653, 11.209

Inverse Universe

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



61, 10.482, 11.255



75, 16.003, 11.664



64, 7.941, 243.649



33, 3.761, 10.618



30, 64.818, 34.150



1, 6.653, 11.209

Previews

White Background



This preview shows how the CIELCh color 61, 10.484, 11.247 looks on a white background.

Color Contrast Check

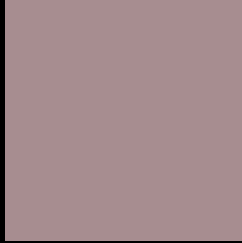
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 10.484, 11.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

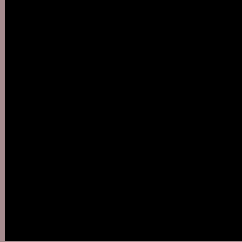
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 10.484, 11.247

Background



This preview shows how black text looks on a background with the CIELCh color 61, 10.484, 11.247.



This preview shows how white text looks on a background with the CIELCh color 61, 10.484, 11.247.

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, 10.484, 11.247

Protanopia

61, 1.165, 19.140

Deuteranopia

61, 8.408, 12.563



Tritanopia
61, 12.581, 351.387

Trichromacy



Original Color
61, 10.484, 11.247

Protanomaly
61, 4.353, 12.342

Deuteranomaly
61, 8.809, 12.961

Tritanomaly
61, 11.916, 358.565

Monochromacy



Original Color
61, 10.484, 11.247

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 3.956, 11.547

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 10.484, 11.247 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(167, 141, 144)` looks like.

```
.text, #text, p{  
    color:rgb(167, 141, 144)  
}
```

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(167, 141, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 141, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 10.484, 11.247 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(167, 141, 144) }
```

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

```
.border{ border-color:rgb(167, 141, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 141, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 141, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 141, 144);  
box-shadow:4px 4px 4px 4px rgb(167, 141,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 10.484, 11.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 141, 144) }
```

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

```
.background{ background-color: rgb(167,  
141, 144) }
```

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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