

Converting Colors

CIELCh(60, 11.419, 49.485)

Have a look what the booklet for
CIELCh(60, 11.419, 49.485) contains.

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Color

CIELCh(60, 11.401, 49.584)

Conversions

Conversions Part 1

Format	Color
Hex	A48C82
RGB	164, 140, 130
RGB Percent	64%, 55%, 51%
CMY	0.3582, 0.4522, 0.4914
CMYK	0.00, 0.15, 0.21, 0.36
HSL	18°, 16%, 58%
HSV	18°, 21%, 64%
XYZ	28.5809, 28.1233, 24.9303
YIQ	146.0360, 17.5140, 1.9780

Conversions

Conversions Part 2

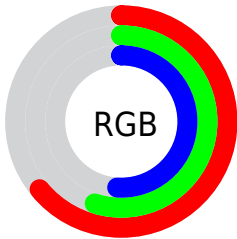
Format	Color
RYB	164, 144, 130
Decimal	10783874
CIELab	60.00, 7.39, 8.68
CIELCh	60, 11.401, 49.584
Yxy	28.1233, 0.3501, 0.3445
Android (android.graphics.Color)	4288973954 (0xFFA48C82)
YUV	146.0360, -7.9057, 15.7544
Hunter-Lab	53.0314, 3.3964, 9.2495

Details

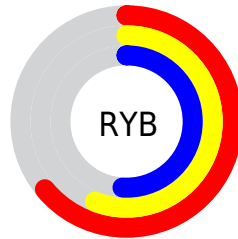
The CIELCh color $60, 11.401, 49.584$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 10.124, 232.594$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 11.243, 51.119$, and $40, 11.408, 48.876$ is the 20% darker color. If you saturate the color by 10%, you get $57, 17.552, 49.132$, and if you desaturate by 10%, it is $63, 5.691, 50.110$.

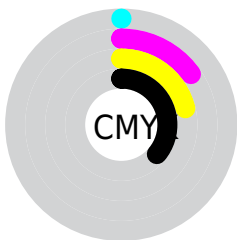
Distribution



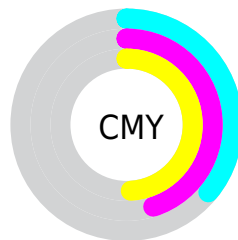
- Red (64%)
- Green (55%)
- Blue (51%)



- Red (64%)
- Yellow (56%)
- Blue (51%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (36%)



- Cyan (36%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 11.401, 49.584 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, 11.401, 49.584 by changing the saturation by 10% instead.

■ 60, 11.401, 49.584

■ 60, 11.401, 49.584

■ 100, 11.401,
49.584

■ 50, 11.401, 49.584

■ 80, 11.401, 49.584

■ 40, 11.401, 49.584

■ 90, 11.401, 49.584

■ 30, 11.401, 49.584

■ 20, 11.401, 49.584

■ 10, 11.401, 49.584

■ 0, 11.401, 49.584

■ 60, 11.401, 49.584

■ 60, 11.401, 49.584

■ 57, 17.552, 49.132

■ 63, 5.691, 50.110

■ 53, 24.174, 48.761

■ 67, 0.386, 49.662

50, 31.275, 48.505

71, 4.556, 231.542

47, 38.819, 48.370

74, 9.177, 232.166

44, 46.690, 48.331

78, 13.513,
232.835

42, 54.598, 48.278

81, 17.600,
233.514

40, 61.900, 47.922

38, 67.830, 47.455

85, 21.469,
234.191

88, 23.895,
228.460

91, 25.315,
211.456

Harmonies

Complementary

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



60, 11.401, 49.584



62, 10.124, 232.594

Rectangle

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



60, 11.401, 49.584



60, 11.401, 99.584



60, 11.401, 229.584



60, 11.401, 279.584

Sweetspot

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



60, 11.400, 49.595



82, 3.843, 50.327



58, 19.034, 335.016



44, 2.576, 50.303



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



60, 11.400, 49.595



74, 17.229, 49.368



64, 15.033, 96.995



33, 2.967, 50.185



33, 61.879, 47.735



2, 4.507, 47.424

Inverse Universe

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



62, 10.124, 232.594



77, 14.844, 233.107



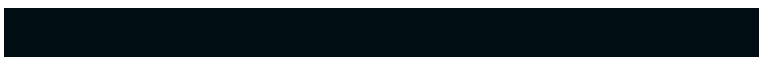
57, 15.332, 282.085



33, 2.825, 231.593



41, 31.658, 253.978



3, 4.482, 237.883

Previews

White Background



This preview shows how the CIELCh color 60, 11.401, 49.584 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, 11.401, 49.584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

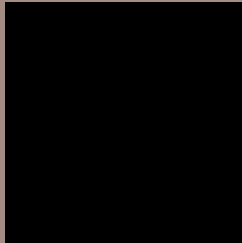
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 11.401, 49.584

Background



This preview shows how black text looks on a background with the CIELCh color 60, 11.401, 49.584.



This preview shows how white text looks on a background with the CIELCh color 60, 11.401, 49.584.

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, 11.401, 49.584

Protanopia

60, 7.160, 89.643

Deuteranopia

60, 11.501, 46.245



Tritanopia
60, 12.975, 352.334

Trichromacy



Original Color
60, 11.401, 49.584

Protanomaly
60, 8.145, 68.984

Deuteranomaly
60, 11.501, 46.245

Tritanomaly
60, 10.931, 11.666

Monochromacy



Original Color
60, 11.401, 49.584

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 3.873, 54.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 11.401, 49.584 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(164, 140, 130)` looks like.

```
.text, #text, p{  
    color:rgb(164, 140, 130)  
}
```

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(164, 140, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 140, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 11.401, 49.584 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(164, 140, 130) }
```

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

```
.border{ border-color:rgb(164, 140, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 140, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 140, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 140, 130);  
box-shadow:4px 4px 4px 4px rgb(164, 140,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 11.401, 49.584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 140, 130) }
```

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

```
.background{ background-color: rgb(164,  
140, 130) }
```

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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