

Converting Colors

CIELCh(49, 44.126, 16.404)

Have a look what the booklet for
CIELCh(49, 44.126, 16.404) contains.

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Color

CIELCh(49, 44.260, 16.774)

Conversions

Conversions Part 1

Format	Color
Hex	BA5461
RGB	186, 84, 97
RGB Percent	73%, 33%, 38%
CMY	0.2713, 0.6712, 0.6202
CMYK	0.00, 0.55, 0.48, 0.27
HSL	352°, 42%, 53%
HSV	352°, 55%, 73%
XYZ	25.5162, 17.5941, 13.3248
YIQ	115.9800, 56.6190, 25.6670

Conversions

Conversions Part 2

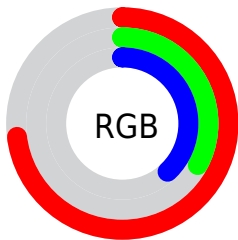
Format	Color
R_{YB}	186, 84, 97
Decimal	12211297
CIE _{Lab}	49.00, 42.38, 12.77
CIE _{LCh}	49, 44.260, 16.774
Yxy	17.5941, 0.4521, 0.3118
Android (android.graphics.Color)	4290401377 (0xFFBA5461)
YUV	115.9800, -9.3571, 61.4075
Hunter-Lab	41.9453, 35.1812, 10.5270

Details

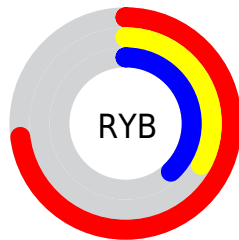
The CIELCh color **49, 44.260, 16.774** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **69, 32.878, 184.186**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 43.976, 17.200**, and **29, 44.534, 16.734** is the 20% darker color. If you saturate the color by 10%, you get **45, 52.661, 19.588**, and if you desaturate by 10%, it is **53, 35.648, 14.560**.

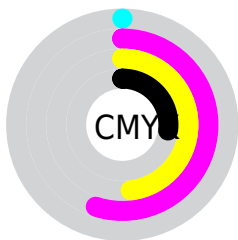
Distribution



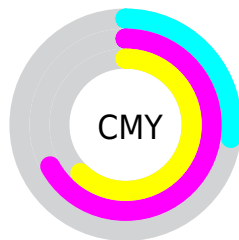
- Red (73%)
- Green (33%)
- Blue (38%)



- Red (73%)
- Yellow (33%)
- Blue (38%)



- Cyan (0%)
- Magenta (55%)
- Yellow (48%)
- Black (27%)



- Cyan (27%)
- Magenta (67%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 44.260, 16.774 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 49, 44.260, 16.774 by changing the saturation by 10% instead.

 49, 44.260, 16.774

 49, 44.260, 16.774

 100, 44.260,
16.774

 39, 44.260, 16.774

 69, 44.260, 16.774

 29, 44.260, 16.774

 79, 44.260, 16.774

 19, 44.260, 16.774

 89, 44.260, 16.774

 9, 44.260, 16.774

 99, 44.260, 16.774

 0, 44.260, 16.774

 49, 44.260, 16.774

 49, 44.260, 16.774

 45, 52.661, 19.588

 53, 35.648, 14.560

 42, 60.562, 23.115

 58, 27.105, 12.804

■ 40, 67.715, 27.378

■ 63, 18.827, 11.394

■ 39, 73.941, 32.127

■ 68, 10.932, 10.233

■ 39, 76.870, 34.352

■ 73, 3.476, 9.190

■ 78, 3.533, 188.681

■ 84, 10.109,
187.909

■ 89, 16.284,
187.302

■ 94, 22.094,
186.778

Harmonies

Complementary

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



49, 44.260, 16.774



69, 32.878, 184.186

Rectangle

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



49, 44.260, 16.774



49, 44.260, 66.774



49, 44.260, 196.774



49, 44.260, 246.774

Sweetspot

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



49, 44.257, 16.777



85, 14.646, 10.383



50, 63.983, 323.129



44, 10.031, 10.612



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



49, 44.257, 16.777



58, 66.459, 20.306



57, 37.358, 55.371



36, 4.053, 9.660



32, 66.892, 33.644



2, 10.755, 11.697

Inverse Universe

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



49, 44.257, 16.777



58, 66.459, 20.306



59, 27.590, 249.061



36, 4.053, 9.660



32, 66.892, 33.644



2, 10.755, 11.697

Previews

White Background



This preview shows how the CIELCh color 49, 44.260, 16.774 looks on a white background.

Color Contrast Check

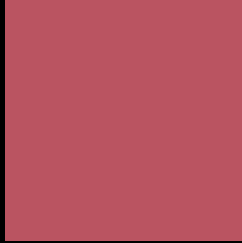
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 49, 44.260, 16.774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

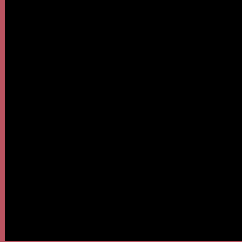
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 44.260, 16.774

Background



This preview shows how black text looks on a background with the CIELCh color 49, 44.260, 16.774.

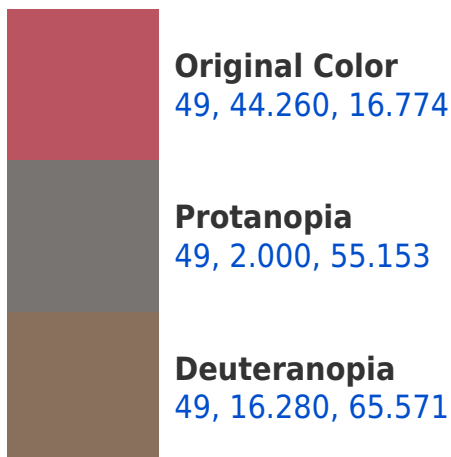


This preview shows how white text looks on a background with the CIELCh color 49, 44.260, 16.774.

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





Tritanopia
49, 44.044, 21.609

Trichromacy



Original Color
49, 44.260, 16.774

Protanomaly
48, 17.155, 13.828

Deuteranomaly
49, 24.283, 33.155

Tritanomaly
49, 43.811, 20.134

Monochromacy



Original Color
49, 44.260, 16.774

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 15.904, 10.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 44.260, 16.774 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(186, 84, 97)` looks like.

```
.text, #text, p{  
    color:rgb(186, 84, 97)  
}
```

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(186, 84, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 84, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 44.260, 16.774 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(186, 84, 97) }
```

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

```
.border{ border-color:rgb(186, 84, 97) }
```

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

Here you see how a box with a 4 pixel rgb(186, 84, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 84, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 84, 97);  
box-shadow:4px 4px 4px 4px rgb(186, 84,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 44.260, 16.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 84, 97) }
```

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

```
.background{ background-color: rgb(186, 84,  
97) }
```

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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