

Converting Colors

CIELCh(49, 44.959, 3.313)

Have a look what the booklet for
CIELCh(49, 44.959, 3.313) contains.

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Color

CIELCh(49, 44.884, 3.025)

Conversions

Conversions Part 1

Format	Color
Hex	B95272
RGB	185, 82, 114
RGB Percent	73%, 32%, 45%
CMY	0.2741, 0.6780, 0.5526
CMYK	0.00, 0.56, 0.38, 0.27
HSL	341°, 42%, 52%
HSV	341°, 56%, 73%
XYZ	26.1008, 17.5941, 17.9678
YIQ	116.4450, 51.1160, 31.7880

Conversions

Conversions Part 2

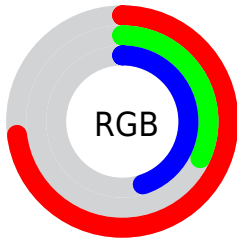
Format	Color
R _Y B	185, 82, 114
Decimal	12145266
CIE Lab	49.00, 44.82, 2.37
CIE LCh	49, 44.884, 3.025
Yxy	17.5941, 0.4233, 0.2853
Android (android.graphics.Color)	4290335346 (0xFFB95272)
YUV	116.4450, -1.2054, 60.1227
Hunter-Lab	41.9453, 37.6689, 3.9641

Details

The CIELCh color $49, 44.884, 3.025$ is a dark color, and the websafe version is hex $CC6699$. A complement of this color would be $69, 38.385, 169.080$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 44.938, 2.848$, and $29, 44.767, 3.217$ is the 20% darker color. If you saturate the color by 10%, you get $45, 52.151, 5.590$, and if you desaturate by 10%, it is $53, 36.939, 0.978$.

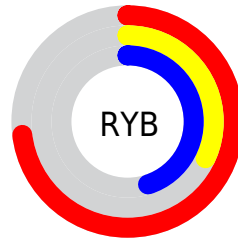
Distribution



Red (73%)

Green (32%)

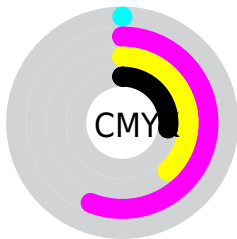
Blue (45%)



Red (73%)

Yellow (32%)

Blue (45%)

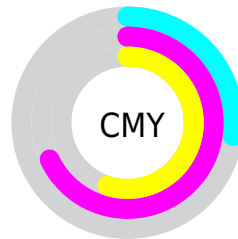


Cyan (0%)

Magenta (56%)

Yellow (38%)

Black (27%)



Cyan (27%)

Magenta (68%)


Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 44.884, 3.025 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, 44.884, 3.025 by changing the saturation by 10% instead.

 49, 44.884, 3.025  49, 44.884, 3.025

 100, 44.884, 3.025  39, 44.884, 3.025

 69, 44.884, 3.025  29, 44.884, 3.025

 79, 44.884, 3.025  19, 44.884, 3.025

 89, 44.884, 3.025  9, 44.884, 3.025

 99, 44.884, 3.025  0, 44.884, 3.025

 49, 44.884, 3.025  49, 44.884, 3.025

 45, 52.151, 5.590  53, 36.939, 0.978

 43, 58.383, 8.833  57, 28.679,
359.309

 41, 63.331, 12.917

■ 39, 67.048, 17.908

■ 62, 20.378,
357.918

■ 39, 68.596, 20.159

■ 67, 12.223,
356.728

■ 72, 4.326, 355.647

■ 77, 3.257, 174.997

■ 83, 10.506,
174.111

■ 88, 17.424,
173.384

■ 93, 24.028,
172.733

Harmonies

Complementary

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



49, 44.884, 3.025



69, 38.385, 169.080

Rectangle

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



49, 44.884, 3.025



49, 44.884, 53.025



49, 44.884, 183.025



49, 44.884, 233.025

Sweetspot

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



49, 44.881, 3.027



84, 16.434, 356.912



47, 63.287, 317.462



43, 11.025, 357.140



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



49, 44.881, 3.027



58, 65.289, 6.314



52, 40.904, 38.806



36, 4.344, 356.046



32, 60.081, 19.322



2, 11.248, 1.206

Inverse Universe

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



49, 44.881, 3.027



58, 65.289, 6.314



64, 26.587, 221.119



36, 4.344, 356.046



32, 60.081, 19.322



2, 11.248, 1.206

Previews

White Background



This preview shows how the CIELCh color 49, 44.884, 3.025 looks on a white background.

Color Contrast Check

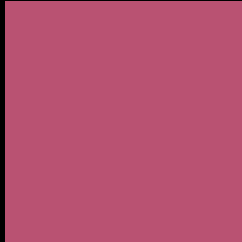
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 49, 44.884, 3.025 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, 44.884, 3.025

Background



This preview shows how black text looks on a background with the CIELCh color 49, 44.884, 3.025.



This preview shows how white text looks on a background with the CIELCh color 49, 44.884, 3.025.

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

49, 44.884, 3.025

Protanopia

49, 10.582, 287.471

Deuteranopia

49, 7.943, 37.229



Tritanopia
49, 42.696, 21.217

Trichromacy



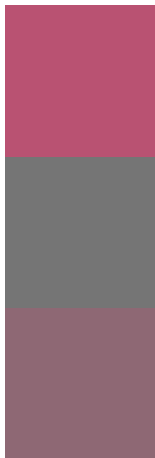
Original Color
49, 44.884, 3.025

Protanomaly
48, 19.688, 338.769

Deuteranomaly
49, 21.268, 8.071

Tritanomaly
49, 42.859, 14.682

Monochromacy



Original Color
49, 44.884, 3.025

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 17.180, 357.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 44.884, 3.025 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(185, 82, 114)` looks like.

```
.text, #text, p{  
    color:rgb(185, 82, 114)  
}
```

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(185, 82, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 82, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 44.884, 3.025 is called "border". The border property can be set on classes, ids or directly on the HTML element.

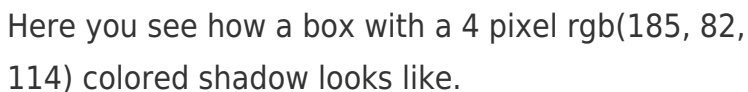
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 82, 114) }
```

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

```
.border{ border-color:rgb(185, 82, 114) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 82, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 82, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 82, 114); box-shadow:4px 4px 4px 4px rgb(185, 82, 114) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 44.884, 3.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 82, 114) }
```

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

```
.background{ background-color: rgb(185, 82,  
114) }
```

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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