

Converting Colors

CIELCh(49, 3.230, 245.408)

Have a look what the booklet for
CIELCh(49, 3.230, 245.408) contains.

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Color

CIELCh(49, 3.298, 244.852)

Conversions

Conversions Part 1

Format	Color
Hex	6F7579
RGB	111, 117, 121
RGB Percent	44%, 46%, 47%
CMY	0.5634, 0.5398, 0.5241
CMYK	0.08, 0.03, 0.00, 0.52
HSL	204°, 4%, 46%
HSV	204°, 8%, 48%
XYZ	16.4729, 17.5941, 20.7290
YIQ	115.6620, -4.8600, -0.0280

Conversions

Conversions Part 2

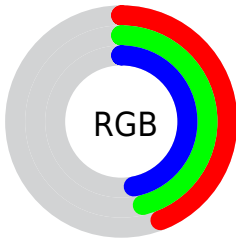
Format	Color
R_{YB}	111, 115, 121
Decimal	7304569
CIE Lab	49.00, -1.40, -2.99
CIE LCh	49, 3.298, 244.852
Yxy	17.5941, 0.3006, 0.3211
Android (android.graphics.Color)	4285494649 (0xFF6F7579)
YUV	115.6620, 2.6316, -4.0886
Hunter-Lab	41.9453, -3.3030, 0.0610

Details

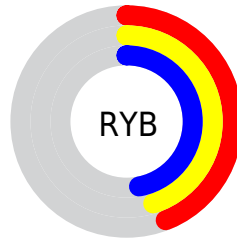
The CIELCh color $49, 3.298, 244.852$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 3.399, 62.986$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 3.099, 244.633$, and $29, 3.579, 245.356$ is the 20% darker color. If you saturate the color by 10%, you get $47, 7.198, 246.017$, and if you desaturate by 10%, it is $51, 0.704, 63.267$.

Distribution



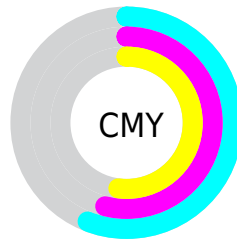
- Red (44%)
- Green (46%)
- Blue (47%)



- Red (44%)
- Yellow (45%)
- Blue (47%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (52%)



- Cyan (56%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 3.298, 244.852 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, 3.298, 244.852 by changing the saturation by 10% instead.

■ 49, 3.298, 244.852

■ 49, 3.298, 244.852

■ 100, 3.298,
244.852

■ 39, 3.298, 244.852

■ 69, 3.298, 244.852

■ 29, 3.298, 244.852

■ 79, 3.298, 244.852

■ 19, 3.298, 244.852

■ 89, 3.298, 244.852

■ 9, 3.298, 244.852

■ 99, 3.298, 244.852

■ 0, 3.298, 244.852

■ 49, 3.298, 244.852

■ 49, 3.298, 244.852

■ 47, 7.198, 246.017

■ 51, 0.704, 63.267

■ 44, 10.968,
247.498

■ 54, 4.784, 62.776

42, 14.580,
249.298

56, 8.918, 62.078

40, 18.009,
251.479

59, 13.088, 61.472

38, 21.237,
254.106

61, 17.280, 60.950

36, 24.263,
257.242

66, 25.676, 60.107

34, 27.109,
260.924

69, 29.863, 59.764

32, 29.829,
265.141

71, 34.033, 59.461

30, 32.549,
269.586

Harmonies

Complementary

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



49, 3.298, 244.852



49, 3.399, 62.986

Rectangle

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



49, 3.298, 244.852



49, 3.298, 294.852



49, 3.298, 64.852



49, 3.298, 114.852

Sweetspot

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



49, 3.298, 244.829



65, 1.004, 244.446



50, 5.431, 157.320



33, 0.568, 244.461



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



49, 3.298, 244.829



62, 4.953, 245.041



48, 5.235, 285.869



25, 2.266, 244.915



31, 33.826, 270.477



61, 59.372, 273.375

Inverse Universe

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



48, 5.405, 339.169



61, 8.155, 339.327



50, 5.159, 104.139



24, 3.721, 339.234



26, 51.835, 351.766



55, 86.446, 353.549

Previews

White Background



This preview shows how the CIELCh color 49, 3.298, 244.852 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, 3.298, 244.852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

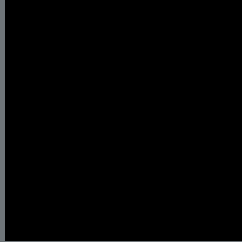
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

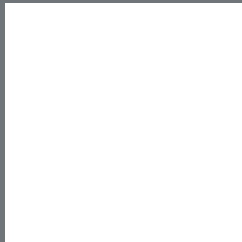
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 3.298, 244.852

Background



This preview shows how black text looks on a background with the CIELCh color 49, 3.298, 244.852.



This preview shows how white text looks on a background with the CIELCh color 49, 3.298, 244.852.

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, 3.298, 244.852

Protanopia

49, 2.393, 300.098

Deuteranopia

49, 7.183, 332.905



Tritanopia
49, 5.590, 270.626

Trichromacy



Original Color

49, 3.298, 244.852

Protanomaly

49, 2.381, 280.903

Deuteranomaly

49, 4.595, 316.385

Tritanomaly

49, 4.514, 265.156

Monochromacy



Original Color

49, 3.298, 244.852

Achromatopsia

49, 0.007, 296.813

Achromatomaly

49, 1.414, 255.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 3.298, 244.852 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(111, 117, 121)` looks like.

```
.text, #text, p{  
    color:rgb(111, 117, 121)  
}
```

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(111, 117, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 117, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 3.298, 244.852 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(111, 117, 121) }
```

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

```
.border{ border-color:rgb(111, 117, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 117, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 117, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 117, 121);  
box-shadow:4px 4px 4px 4px rgb(111, 117,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 3.298, 244.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 117, 121) }
```

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

```
.background{ background-color: rgb(111,  
117, 121) }
```

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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