

Converting Colors

CIELCh(49, 5.165, 336.088)

Have a look what the booklet for
CIELCh(49, 5.165, 336.088) contains.

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Color

CIELCh(49, 5.081, 336.108)

Conversions

Conversions Part 1

Format	Color
Hex	7B7278
RGB	123, 114, 120
RGB Percent	48%, 45%, 47%
CMY	0.5177, 0.5530, 0.5295
CMYK	0.00, 0.07, 0.02, 0.52
HSL	320°, 4%, 46%
HSV	320°, 7%, 48%
XYZ	17.5683, 17.5941, 20.2318
YIQ	117.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

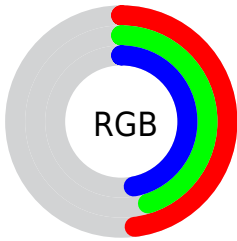
Format	Color
R_{YB}	123, 114, 120
Decimal	8090232
CIE Lab	49.00, 4.65, -2.06
CIE LCh	49, 5.081, 336.108
Yxy	17.5941, 0.3172, 0.3176
Android (android.graphics.Color)	4286280312 (0xFF7B7278)
YUV	117.3750, 1.2941, 4.9331
Hunter-Lab	41.9453, 1.3586, 0.7639

Details

The CIELCh color **49, 5.081, 336.108** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **51, 5.052, 155.218**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 4.757, 335.953**, and **29, 5.249, 332.939** is the 20% darker color. If you saturate the color by 10%, you get **46, 12.109, 336.845**, and if you desaturate by 10%, it is **53, 1.837, 155.630**.

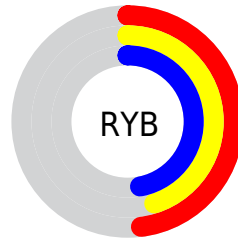
Distribution



Red (48%)

Green (45%)

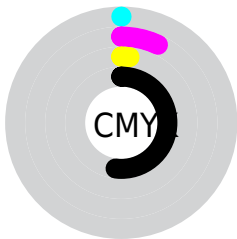
Blue (47%)



Red (48%)

Yellow (45%)

Blue (47%)

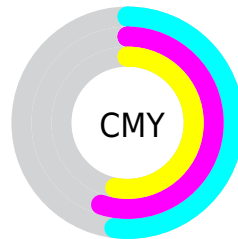


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (52%)



Cyan (52%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 5.081, 336.108 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, 5.081, 336.108 by changing the saturation by 10% instead.

■ 49, 5.081, 336.108

■ 49, 5.081, 336.108

■ 100, 5.081,
336.108

■ 39, 5.081, 336.108

■ 69, 5.081, 336.108

■ 29, 5.081, 336.108

■ 79, 5.081, 336.108

■ 19, 5.081, 336.108

■ 89, 5.081, 336.108

■ 9, 5.081, 336.108

■ 99, 5.081, 336.108

■ 0, 5.081, 336.108

■ 49, 5.081, 336.108

■ 49, 5.081, 336.108

■ 46, 12.109,
336.845

■ 53, 1.837, 155.630

■ 42, 19.169,

■ 56, 8.590, 154.904

337.609

60, 15.156,
154.307

39, 26.133,
338.428

64, 21.525,
153.752

36, 32.813,
339.319

67, 27.695,
153.231

33, 38.963,
340.304

71, 33.675,
152.742

31, 44.281,
341.419

75, 39.472,
152.282

29, 48.447,
342.713

78, 45.099,
151.848

27, 51.199,
344.254

82, 50.567,
151.440

26, 52.685,
346.056

Harmonies

Complementary

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



49, 5.081, 336.108



51, 5.052, 155.218

Rectangle

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



49, 5.081, 336.108



49, 5.081, 26.108



49, 5.081, 156.108



49, 5.081, 206.108

Sweetspot

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



49, 5.079, 336.111



65, 1.723, 335.633



49, 5.448, 303.427



34, 0.988, 335.610



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



49, 5.079, 336.111



62, 7.788, 336.252



49, 3.787, 6.358



24, 3.901, 336.241



27, 53.667, 346.579



56, 89.428, 347.927

Inverse Universe

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



49, 5.079, 336.111



62, 7.788, 336.252



51, 3.673, 185.324



24, 3.901, 336.241



27, 53.667, 346.579



56, 89.428, 347.927

Previews

White Background



This preview shows how the CIELCh color 49, 5.081, 336.108 looks on a white background.

Color Contrast Check

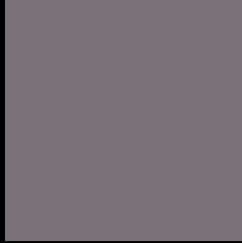
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.081, 336.108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

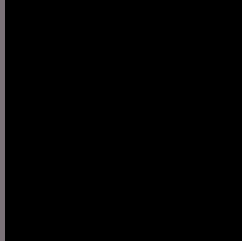
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

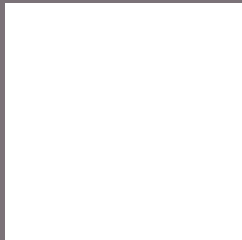
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 5.081, 336.108

Background



This preview shows how black text looks on a background with the CIELCh color 49, 5.081, 336.108.



This preview shows how white text looks on a background with the CIELCh color 49, 5.081, 336.108.

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, 5.081, 336.108

Protanopia

49, 2.973, 298.261

Deuteranopia

49, 6.696, 342.392



Tritanopia
49, 6.425, 324.797

Trichromacy



Original Color

49, 5.081, 336.108

Protanomaly

49, 3.893, 314.833

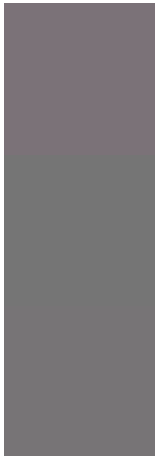
Deuteranomaly

49, 6.380, 340.085

Tritanomaly

49, 5.952, 327.984

Monochromacy



Original Color

49, 5.081, 336.108

Achromatopsia

49, 0.007, 296.813

Achromatomaly

49, 1.699, 335.692

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 5.081, 336.108 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(123, 114, 120)` looks like.

```
.text, #text, p{  
    color:rgb(123, 114, 120)  
}
```

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(123, 114, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 114, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 5.081, 336.108 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(123, 114, 120) }
```

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

```
.border{ border-color:rgb(123, 114, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 114, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 114, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 114, 120);  
box-shadow:4px 4px 4px 4px rgb(123, 114,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 5.081, 336.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 114, 120) }
```

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

```
.background{ background-color: rgb(123,  
114, 120) }
```

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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