

Converting Colors

CIELCh(49, 7.206, 162.537)

Have a look what the booklet for
CIELCh(49, 7.206, 162.537) contains.

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Color

CIELCh(49, 7.316, 164.491)

Conversions

Conversions Part 1

Format	Color
Hex	697871
RGB	105, 120, 113
RGB Percent	41%, 47%, 44%
CMY	0.5886, 0.5298, 0.5573
CMYK	0.13, 0.00, 0.06, 0.53
HSL	152°, 7%, 44%
HSV	152°, 13%, 47%
XYZ	15.4918, 17.5941, 18.1712
YIQ	114.7170, -6.6930, -5.3570

Conversions

Conversions Part 2

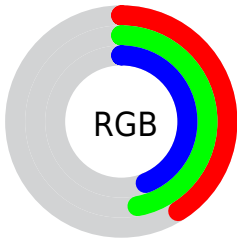
Format	Color
R_{YB}	105, 115, 120
Decimal	6912113
CIE Lab	49.00, -7.05, 1.96
CIE LCh	49, 7.316, 164.491
Yxy	17.5941, 0.3022, 0.3433
Android (android.graphics.Color)	4285102193 (0xFF697871)
YUV	114.7170, -0.8465, -8.5218
Hunter-Lab	41.9453, -7.4781, 3.6766

Details

The CIELCh color **49, 7.316, 164.491** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **46, 7.449, 346.487**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 7.161, 166.415**, and **29, 7.640, 162.167** is the 20% darker color. If you saturate the color by 10%, you get **48, 13.127, 163.552**, and if you desaturate by 10%, it is **50, 1.464, 165.479**.

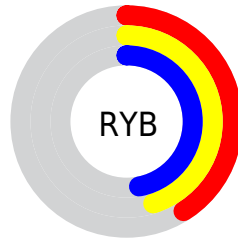
Distribution



Red (41%)

Green (47%)

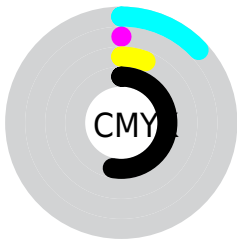
Blue (44%)



Red (41%)

Yellow (45%)

Blue (47%)

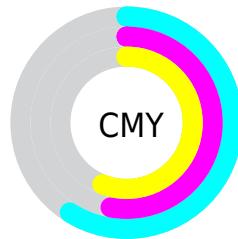


Cyan (13%)

Magenta (0%)

Yellow (6%)

Black (53%)



Cyan (59%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 7.316, 164.491 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, 7.316, 164.491 by changing the saturation by 10% instead.

■ 49, 7.316, 164.491

■ 49, 7.316, 164.491

■ 100, 7.316,
164.491

■ 39, 7.316, 164.491

■ 69, 7.316, 164.491

■ 29, 7.316, 164.491

■ 79, 7.316, 164.491

■ 19, 7.316, 164.491

■ 89, 7.316, 164.491

■ 9, 7.316, 164.491

■ 99, 7.316, 164.491

■ 0, 7.316, 164.491

■ 49, 7.316, 164.491

■ 49, 7.316, 164.491

■ 48, 13.127,
163.552

■ 50, 1.464, 165.479

■ 47, 18.822,

■ 51, 4.373, 345.984

162.529

53, 10.147,
346.728

46, 24.318,
161.392

54, 15.825,
347.396

46, 29.526,
160.118

55, 21.382,
348.015

45, 34.357,
158.687

57, 26.802,
348.596

45, 38.732,
157.076

58, 32.076,
349.143

44, 42.601,
155.273

60, 37.201,
349.660

44, 45.947,
153.277

62, 42.177,
350.151

44, 48.295,
151.826

Harmonies

Complementary

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



49, 7.316, 164.491



46, 7.449, 346.487

Rectangle

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



49, 7.316, 164.491



49, 7.316, 214.491



49, 7.316, 344.491



49, 7.316, 34.491

Sweetspot

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



49, 7.317, 164.487



64, 2.892, 165.276



49, 9.345, 129.132



33, 2.072, 165.207



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, 7.317, 164.487



62, 10.853, 164.227



49, 5.747, 200.306



25, 3.351, 164.796



46, 49.852, 151.719



88, 86.151, 150.397

Inverse Universe

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



46, 7.449, 346.487



58, 11.091, 346.751



46, 6.204, 21.474



24, 3.397, 346.174



26, 49.857, 3.513



54, 83.785, 6.184

Previews

White Background



This preview shows how the CIELCh color 49, 7.316, 164.491 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, 7.316, 164.491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

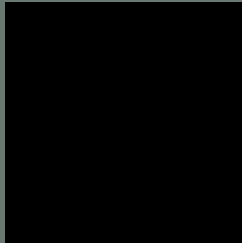
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

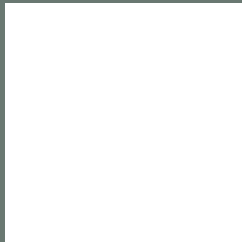
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 7.316, 164.491

Background



This preview shows how black text looks on a background with the CIELCh color 49, 7.316, 164.491.



This preview shows how white text looks on a background with the CIELCh color 49, 7.316, 164.491.

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

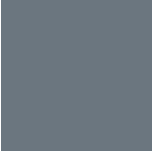
49, 7.316, 164.491

Protanopia

49, 3.346, 80.223

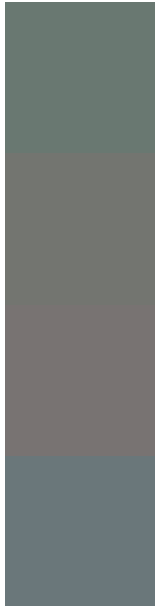
Deuteranopia

49, 6.715, 10.143



Tritanopia
49, 6.664, 251.816

Trichromacy



Original Color
49, 7.316, 164.491

Protanomaly
49, 3.044, 125.323

Deuteranomaly
49, 2.120, 35.483

Tritanomaly
49, 5.300, 218.417

Monochromacy



Original Color
49, 7.316, 164.491

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 3.007, 163.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 7.316, 164.491 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(105, 120, 113)` looks like.

```
.text, #text, p{  
    color:rgb(105, 120, 113)  
}
```

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(105, 120, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 120, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 7.316, 164.491 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(105, 120, 113) }
```

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

```
.border{ border-color:rgb(105, 120, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 120, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 120, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 120, 113);  
box-shadow:4px 4px 4px 4px rgb(105, 120,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 7.316, 164.491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 120, 113) }
```

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

```
.background{ background-color: rgb(105,  
120, 113) }
```

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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