

Converting Colors

CIELCh(49, 9.981, 141.483)

Have a look what the booklet for
CIELCh(49, 9.981, 141.483) contains.

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Color

CIELCh(49, 9.817, 141.924)

Conversions

Conversions Part 1

Format	Color
Hex	6B786A
RGB	107, 120, 106
RGB Percent	42%, 47%, 42%
CMY	0.5805, 0.5295, 0.5844
CMYK	0.11, 0.00, 0.12, 0.53
HSL	116°, 6%, 44%
HSV	116°, 12%, 47%
XYZ	15.3767, 17.5941, 16.2169
YIQ	114.5170, -3.2540, -7.1100

Conversions

Conversions Part 2

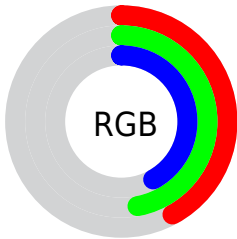
Format	Color
RYB	106, 120, 119
Decimal	7043178
CIELab	49.00, -7.73, 6.05
CIElCh	49, 9.817, 141.924
Yxy	17.5941, 0.3126, 0.3577
Android (android.graphics.Color)	4285233258 (0xFF6B786A)
YUV	114.5170, -4.1989, -6.5924
Hunter-Lab	41.9453, -7.9681, 6.4389

Details

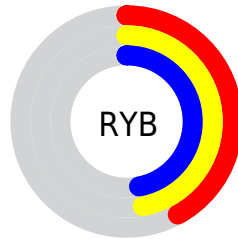
The CIELCh color **49, 9.817, 141.924** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **46, 9.846, 323.053**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 9.850, 142.205**, and **29, 9.968, 141.467** is the 20% darker color. If you saturate the color by 10%, you get **48, 18.301, 141.309**, and if you desaturate by 10%, it is **50, 1.390, 142.551**.

Distribution



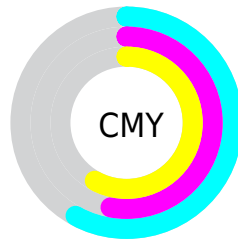
- Red (42%)
- Green (47%)
- Blue (42%)



- Red (42%)
- Yellow (47%)
- Blue (47%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 9.817, 141.924 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, 9.817, 141.924 by changing the saturation by 10% instead.

■ 49, 9.817, 141.924

■ 49, 9.817, 141.924

■ 100, 9.817,
141.924

■ 39, 9.817, 141.924

■ 69, 9.817, 141.924

■ 29, 9.817, 141.924

■ 79, 9.817, 141.924

■ 19, 9.817, 141.924

■ 89, 9.817, 141.924

■ 9, 9.817, 141.924

■ 99, 9.817, 141.924

■ 0, 9.817, 141.924

■ 49, 9.817, 141.924

■ 49, 9.817, 141.924

■ 48, 18.301,
141.309

■ 50, 1.390, 142.551

■ 47, 26.736,

■ 52, 6.912, 322.857

140.610

53, 15.038,
323.254

46, 34.989,
139.823

54, 22.955,
323.585

45, 42.884,
138.963

56, 30.646,
323.866

45, 50.196,
138.065

58, 38.102,
324.106

44, 56.648,
137.197

59, 45.323,
324.310

44, 61.922,
136.460

61, 52.315,
324.486

44, 65.709,
135.977

63, 59.084,
324.636

43, 68.126,
135.521

Harmonies

Complementary

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



49, 9.817, 141.924



46, 9.846, 323.053

Rectangle

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



49, 9.817, 141.924



49, 9.817, 191.924



49, 9.817, 321.924



49, 9.817, 11.924

Sweetspot

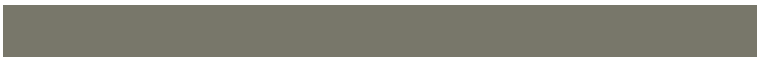
The Sweet Spot groups the original color and five complimentary colors.



49, 9.818, 141.925



64, 4.138, 142.360



50, 7.491, 105.445



33, 2.966, 142.321



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, 9.818, 141.925



62, 14.589, 141.767



49, 7.439, 158.579



25, 4.809, 142.072



45, 70.159, 135.544



87, 118.507, 135.795

Inverse Universe

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



46, 9.846, 323.053



58, 14.632, 323.185



46, 7.513, 340.247



24, 4.823, 322.925



27, 68.406, 325.535



57, 115.185, 325.393

Previews

White Background



This preview shows how the CIELCh color 49, 9.817, 141.924 looks on a white background.

Color Contrast Check

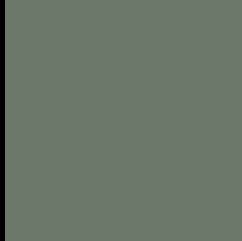
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.817, 141.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

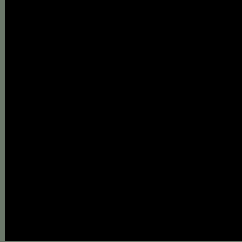
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 9.817, 141.924

Background



This preview shows how black text looks on a background with the CIELCh color 49, 9.817, 141.924.

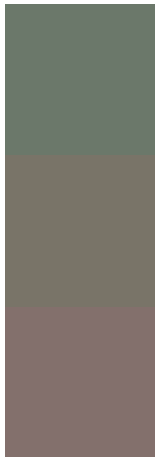


This preview shows how white text looks on a background with the CIELCh color 49, 9.817, 141.924.

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, 9.817, 141.924

Protanopia

49, 7.321, 92.475

Deuteranopia

49, 8.372, 36.404



Tritanopia
49, 5.881, 263.572

Trichromacy



Original Color
49, 9.817, 141.924

Protanomaly
49, 7.030, 112.640

Deuteranomaly
49, 5.518, 77.430

Tritanomaly
49, 3.585, 208.568

Monochromacy



Original Color
49, 9.817, 141.924

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 3.584, 144.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 9.817, 141.924 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(107, 120, 106)` looks like.

```
.text, #text, p{  
    color:rgb(107, 120, 106)  
}
```

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(107, 120, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 120, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 9.817, 141.924 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(107, 120, 106) }
```

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

```
.border{ border-color:rgb(107, 120, 106) }
```

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

Here you see how a box with a 4 pixel rgb(107, 120, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 120, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 120, 106);  
box-shadow:4px 4px 4px 4px rgb(107, 120,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 9.817, 141.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 120, 106) }
```

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

```
.background{ background-color: rgb(107,  
120, 106) }
```

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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