

Converting Colors

CIELCh(49, 18.021, 123.039)

Have a look what the booklet for
CIELCh(49, 18.021, 123.039)
contains.

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Color

CIELCh(49, 18.041, 123.039)

Conversions

Conversions Part 1

Format	Color
Hex	6E795B
RGB	110, 121, 91
RGB Percent	43%, 47%, 36%
CMY	0.5704, 0.5273, 0.6449
CMYK	0.09, 0.00, 0.25, 0.53
HSL	82°, 14%, 41%
HSV	82°, 25%, 47%
XYZ	15.0225, 17.5941, 12.4008
YIQ	114.2910, 3.0740, -11.6620

Conversions

Conversions Part 2

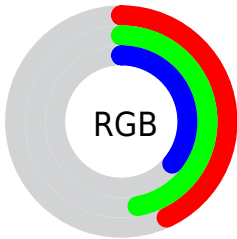
Format	Color
RYB	91, 121, 102
Decimal	7240027
CIELab	49.00, -9.84, 15.12
CIElCh	49, 18.041, 123.039
Yxy	17.5941, 0.3337, 0.3908
Android (android.graphics.Color)	4285430107 (0xFF6E795B)
YUV	114.2910, -11.4825, -3.7632
Hunter-Lab	41.9453, -9.4754, 11.8331

Details

The CIELCh color $49, 18.041, 123.039$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $41, 18.820, 305.662$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $69, 17.976, 122.455$, and $29, 17.701, 122.660$ is the 20% darker color. If you saturate the color by 10%, you get $48, 25.182, 122.530$, and if you desaturate by 10%, it is $50, 10.808, 123.556$.

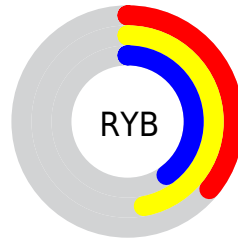
Distribution



Red (43%)

Green (47%)

Blue (36%)



Red (36%)

Yellow (47%)

Blue (40%)

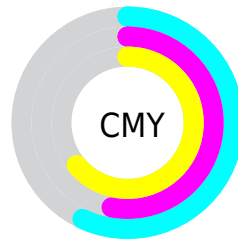


Cyan (9%)

Magenta (0%)

Yellow (25%)

Black (53%)



Cyan (57%)


Magenta (53%)

Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 18.041, 123.039 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, 18.041, 123.039 by changing the saturation by 10% instead.


 49, 18.041,
123.039


 49, 18.041,
123.039


 100, 18.041,
123.039


 39, 18.041,
123.039

 69, 18.041,
123.039


 29, 18.041,
123.039

 79, 18.041,
123.039

 19, 18.041,
123.039


 89, 18.041,
123.039

 9, 18.041, 123.039

 99, 18.041,
123.039

 0, 18.041, 123.039

 49, 18.041,

 49, 18.041,

123.039

123.039

■ 48, 25.182,
122.530

■ 50, 10.808,
123.556

■ 48, 32.144,
122.047

■ 50, 3.537, 124.066

■ 47, 38.803,
121.630

■ 51, 3.729, 304.515

■ 47, 44.984,
121.339

■ 52, 10.959,
304.973

■ 47, 50.446,
121.253

■ 53, 18.133,
305.392

■ 46, 54.896,
121.475

■ 53, 25.234,
305.779

■ 46, 58.153,
122.069

■ 54, 32.251,
306.135

■ 46, 59.721,
122.363

■ 55, 39.175,
306.461

■ 56, 46.001,
306.758

Harmonies

Complementary

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



49, 18.041, 123.039



41, 18.820, 305.662

Rectangle

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



49, 18.041, 123.039



49, 18.041, 173.039



49, 18.041, 303.039



49, 18.041, 353.039

Sweetspot

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



49, 18.042, 123.041



64, 6.264, 123.948



45, 10.687, 57.679



33, 4.102, 123.927



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, 18.042, 123.041



62, 26.753, 122.741



48, 20.678, 139.462



25, 4.144, 123.851



47, 61.309, 122.421



90, 103.849, 123.252

Inverse Universe

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



41, 18.820, 305.662



49, 28.216, 306.041



42, 20.824, 321.874



24, 4.211, 304.739



16, 75.319, 309.647



37, 127.604, 309.107

Previews

White Background



This preview shows how the CIELCh color 49, 18.041, 123.039 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, 18.041, 123.039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

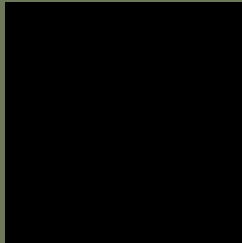
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 18.041, 123.039

Background



This preview shows how black text looks on a background with the CIELCh color 49, 18.041, 123.039.



This preview shows how white text looks on a background with the CIELCh color 49, 18.041, 123.039.

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, 18.041, 123.039

Protanopia

49, 16.135, 95.407

Deuteranopia

49, 15.964, 66.719



Tritanopia
49, 5.333, 282.478

Trichromacy



Original Color
49, 18.041, 123.039

Protanomaly
49, 16.277, 106.455

Deuteranomaly
49, 14.852, 89.237

Tritanomaly
49, 4.298, 144.208

Monochromacy



Original Color
49, 18.041, 123.039

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 6.672, 123.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 18.041, 123.039 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(110, 121, 91)` looks like.

```
.text, #text, p{  
    color:rgb(110, 121, 91)  
}
```

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(110, 121, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 121, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 18.041, 123.039 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(110, 121, 91) }
```

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

```
.border{ border-color:rgb(110, 121, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 121, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 121, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 121, 91);  
box-shadow:4px 4px 4px 4px rgb(110, 121,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 18.041, 123.039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 121, 91) }
```

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

```
.background{ background-color: rgb(110,  
121, 91) }
```

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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