

Converting Colors

CIELCh(49, 15.086, 197.204)

Have a look what the booklet for
CIELCh(49, 15.086, 197.204)
contains.

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Color

CIELCh(49, 15.275, 195.582)

Conversions

Conversions Part 1

Format	Color
Hex	527C7B
RGB	82, 124, 123
RGB Percent	32%, 49%, 48%
CMY	0.6790, 0.5143, 0.5182
CMYK	0.34, 0.00, 0.01, 0.51
HSL	179°, 20%, 40%
HSV	179°, 34%, 49%
XYZ	14.2239, 17.5941, 21.3391
YIQ	111.3280, -24.7110, -9.2150

Conversions

Conversions Part 2

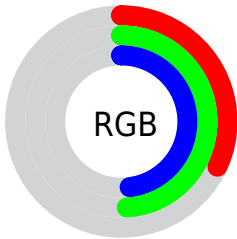
Format	Color
R_{YB}	82, 103, 124
Decimal	5405819
CIE _{Lab}	49.00, -14.71, -4.10
CIE _{LCh}	49, 15.275, 195.582
Yxy	17.5941, 0.2676, 0.3310
Android (android.graphics.Color)	4283595899 (0xFF527C7B)
YUV	111.3280, 5.7543, -25.7207
Hunter-Lab	41.9453, -12.8736, -0.8013

Details

The CIELCh color `49, 15.275, 195.582` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `39, 18.920, 20.421`, and the grayscale version is `47, 0.006, 296.813`.

A 20% lighter version of the original color is `69, 15.515, 194.068`, and `29, 15.350, 194.697` is the 20% darker color. If you saturate the color by 10%, you get `48, 18.982, 195.088`, and if you desaturate by 10%, it is `50, 11.147, 196.106`.

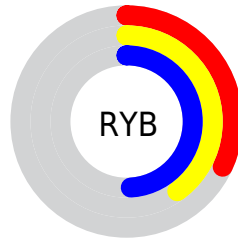
Distribution



Red (32%)

Green (49%)

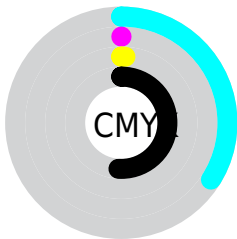
Blue (48%)



Red (32%)

Yellow (40%)

Blue (49%)

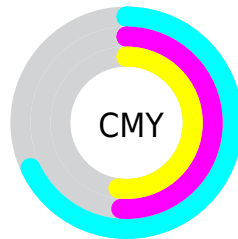


Cyan (34%)

Magenta (0%)

Yellow (1%)

Black (51%)



Cyan (68%)


Magenta (51%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 15.275, 195.582 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, 15.275, 195.582 by changing the saturation by 10% instead.


 49, 15.275,
195.582


 49, 15.275,
195.582


 100, 15.275,
195.582


 39, 15.275,
195.582

 69, 15.275,
195.582


 29, 15.275,
195.582

 79, 15.275,
195.582

 19, 15.275,
195.582

 89, 15.275,
195.582

 9, 15.275, 195.582

 99, 15.275,
195.582

 0, 15.275, 195.582

 49, 15.275,

 49, 15.275,

195.582

195.582

■ 48, 18.982,
195.088

■ 50, 11.147,
196.106

■ 48, 22.197,
194.634

■ 51, 6.669, 196.677

■ 47, 24.866,
194.214

■ 52, 1.916, 197.394

■ 53, 3.045, 17.659

■ 47, 26.953,
193.826

■ 54, 8.153, 18.348

■ 47, 28.453,
193.463

■ 55, 13.357, 18.987

■ 56, 18.616, 19.621

■ 47, 29.403,
193.117

■ 58, 23.894, 20.253

■ 47, 29.883,
192.913

■ 59, 29.165, 20.881

Harmonies

Complementary

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



49, 15.275, 195.582



39, 18.920, 20.421

Rectangle

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



49, 15.275, 195.582



49, 15.275, 245.582



49, 15.275, 15.582



49, 15.275, 65.582

Sweetspot

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



49, 15.275, 195.579



65, 5.985, 196.905



48, 29.716, 141.349



34, 4.104, 196.831



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, 15.275, 195.579



62, 22.115, 195.180



43, 13.984, 256.812



25, 2.706, 196.982



47, 30.072, 192.910



90, 50.674, 192.726

Inverse Universe

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



39, 18.920, 20.421



48, 29.032, 21.583



45, 15.610, 67.877



24, 2.851, 17.936



25, 59.390, 37.235



53, 102.845, 39.339

Previews

White Background



This preview shows how the CIELCh color 49, 15.275, 195.582 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, 15.275, 195.582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

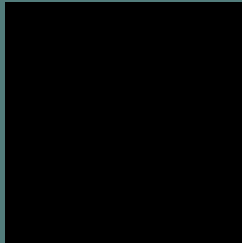
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

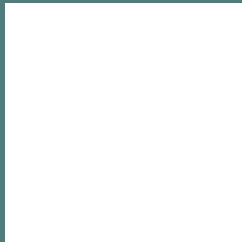
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 15.275, 195.582

Background



This preview shows how black text looks on a background with the CIELCh color 49, 15.275, 195.582.



This preview shows how white text looks on a background with the CIELCh color 49, 15.275, 195.582.

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, 15.275, 195.582

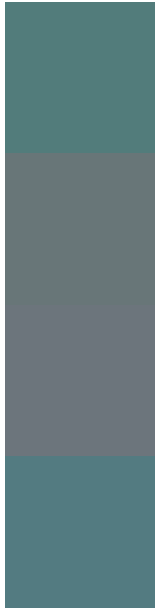
Protanopia
49, 1.953, 314.709

Deuteranopia
49, 8.134, 320.196



Tritanopia
49, 14.403, 222.410

Trichromacy



Original Color
49, 15.275, 195.582

Protanomaly
49, 5.541, 211.183

Deuteranomaly
49, 5.326, 249.944

Tritanomaly
49, 14.521, 212.149

Monochromacy



Original Color
49, 15.275, 195.582

Achromatopsia
47, 0.006, 296.813

Achromatomaly
48, 6.317, 193.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 15.275, 195.582 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(82, 124, 123)` looks like.

```
.text, #text, p{  
    color:rgb(82, 124, 123)  
}
```

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(82, 124, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 124, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 15.275, 195.582 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(82, 124, 123) }
```

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

```
.border{ border-color:rgb(82, 124, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 124, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 124, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 124, 123);  
box-shadow:4px 4px 4px 4px rgb(82, 124,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 15.275, 195.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 124, 123) }
```

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

```
.background{ background-color: rgb(82, 124,  
123) }
```

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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