

Converting Colors

CIELCh(49, 15.685, 181.543)

Have a look what the booklet for
CIELCh(49, 15.685, 181.543)
contains.

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Color

CIELCh(49, 15.608, 182.389)

Conversions

Conversions Part 1

Format	Color
Hex	547C75
RGB	84, 124, 117
RGB Percent	33%, 49%, 46%
CMY	0.6705, 0.5136, 0.5411
CMYK	0.32, 0.00, 0.06, 0.51
HSL	169°, 19%, 41%
HSV	169°, 32%, 49%
XYZ	14.0828, 17.5941, 19.4925
YIQ	111.2420, -21.5930, -10.6570

Conversions

Conversions Part 2

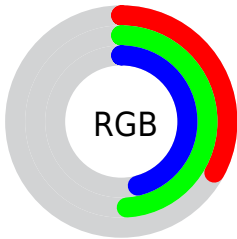
Format	Color
R_{YB}	84, 106, 124
Decimal	5536885
CIE _{Lab}	49.00, -15.59, -0.65
CIE _{LCh}	49, 15.608, 182.389
Yxy	17.5941, 0.2752, 0.3438
Android (android.graphics.Color)	4283726965 (0xFF547C75)
YUV	111.2420, 2.8387, -23.8912
Hunter-Lab	41.9453, -13.4742, 1.8088

Details

The CIELCh color **49, 15.608, 182.389** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **40, 17.938, 8.612**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 15.767, 181.875**, and **29, 15.562, 182.583** is the 20% darker color. If you saturate the color by 10%, you get **48, 19.868, 181.415**, and if you desaturate by 10%, it is **50, 11.017, 183.310**.

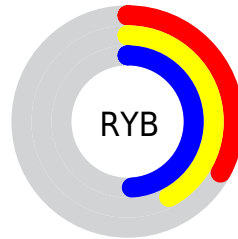
Distribution



Red (33%)

Green (49%)

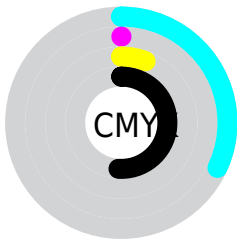
Blue (46%)



Red (33%)

Yellow (42%)

Blue (49%)

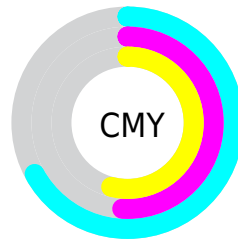


Cyan (32%)

Magenta (0%)

Yellow (6%)

Black (51%)



Cyan (67%)


Magenta (51%)

Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 15.608, 182.389 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, 15.608, 182.389 by changing the saturation by 10% instead.


 49, 15.608,
182.389


 49, 15.608,
182.389


 100, 15.608,
182.389


 39, 15.608,
182.389

 69, 15.608,
182.389


 29, 15.608,
182.389

 79, 15.608,
182.389

 19, 15.608,
182.389

 89, 15.608,
182.389

 9, 15.608, 182.389

 99, 15.608,
182.389

 0, 15.608, 182.389

 49, 15.608,

 49, 15.608,

182.389

182.389

■ 48, 19.868,
181.415

■ 50, 11.017,
183.310

■ 48, 23.716,
180.379

■ 51, 6.173, 184.208

■ 47, 27.084,
179.263

■ 52, 1.147, 185.304

■ 53, 3.995, 5.704

■ 47, 29.918,
178.047

■ 54, 9.199, 6.538

■ 46, 32.190,
176.710

■ 55, 14.421, 7.312

■ 57, 19.626, 8.057

■ 46, 33.910,
175.236

■ 58, 24.789, 8.779

■ 46, 35.067,
174.083

■ 60, 29.891, 9.479

Harmonies

Complementary

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



49, 15.608, 182.389



40, 17.938, 8.612

Rectangle

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



49, 15.608, 182.389



49, 15.608, 232.389



49, 15.608, 2.389



49, 15.608, 52.389

Sweetspot

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



49, 15.609, 182.386



65, 6.244, 184.391



49, 26.998, 137.634



34, 4.286, 184.285



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, 15.609, 182.386



62, 22.827, 181.646



45, 12.210, 236.970



25, 2.820, 184.500



46, 35.259, 174.069



89, 60.034, 173.089

Inverse Universe

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



40, 17.938, 8.612



49, 27.214, 9.788



43, 14.625, 51.558



24, 2.925, 5.890



25, 54.716, 29.303



53, 94.758, 32.350

Previews

White Background



This preview shows how the CIE LCh color 49, 15.608, 182.389 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, 15.608, 182.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

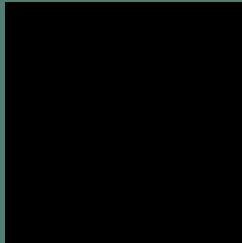
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 15.608, 182.389

Background



This preview shows how black text looks on a background with the CIELCh color 49, 15.608, 182.389.



This preview shows how white text looks on a background with the CIELCh color 49, 15.608, 182.389.

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, 15.608, 182.389

Protanopia

49, 2.394, 66.582

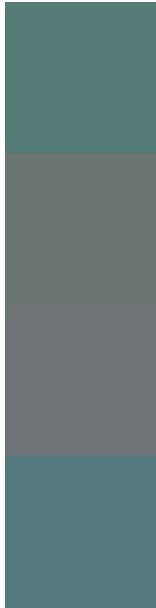
Deuteranopia

49, 7.032, 344.506



Tritanopia
49, 13.555, 224.106

Trichromacy



Original Color
49, 15.608, 182.389

Protanomaly
49, 5.367, 172.861

Deuteranomaly
48, 2.291, 230.310

Tritanomaly
49, 13.506, 208.141

Monochromacy



Original Color
49, 15.608, 182.389

Achromatopsia
47, 0.006, 296.813

Achromatomaly
48, 6.232, 182.205

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 15.608, 182.389 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(84, 124, 117)` looks like.

```
.text, #text, p{  
    color:rgb(84, 124, 117)  
}
```

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(84, 124, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 124, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 15.608, 182.389 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(84, 124, 117) }
```

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

```
.border{ border-color:rgb(84, 124, 117) }
```

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

Here you see how a box with a 4 pixel rgb(84, 124, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 124, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 124, 117);  
box-shadow:4px 4px 4px 4px rgb(84, 124,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 15.608, 182.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 124, 117) }
```

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

```
.background{ background-color: rgb(84, 124,  
117) }
```

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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