

Converting Colors

CIELCh(49, 27.177, 194.201)

Have a look what the booklet for
CIELCh(49, 27.177, 194.201)
contains.

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Color

CIELCh(49, 27.282, 194.154)

Conversions

Conversions Part 1

Format	Color
Hex	25817F
RGB	37, 129, 127
RGB Percent	15%, 51%, 50%
CMY	0.8554, 0.4945, 0.5024
CMYK	0.71, 0.00, 0.02, 0.49
HSL	179°, 56%, 33%
HSV	179°, 71%, 51%
XYZ	12.4190, 17.5941, 22.7858
YIQ	101.2640, -54.1900, -20.1260

Conversions

Conversions Part 2

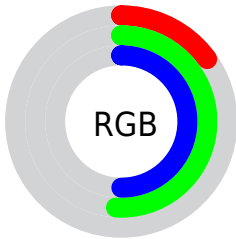
Format	Color
R_{YB}	37, 84, 129
Decimal	2457983
CIE _{Lab}	49.00, -26.45, -6.67
CIE _{LCh}	49, 27.282, 194.154
Yxy	17.5941, 0.2352, 0.3332
Android (android.graphics.Color)	4280648063 (0xFF25817F)
YUV	101.2640, 12.6878, -56.3595
Hunter-Lab	41.9453, -20.5548, -2.8462

Details

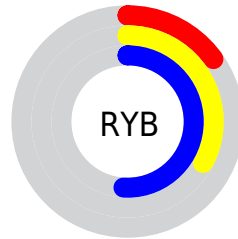
The CIELCh color **49, 27.282, 194.154** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **30, 44.962, 28.607**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 27.093, 194.916**, and **30, 21.613, 194.627** is the 20% darker color. If you saturate the color by 10%, you get **49, 28.957, 193.801**, and if you desaturate by 10%, it is **49, 24.995, 194.534**.

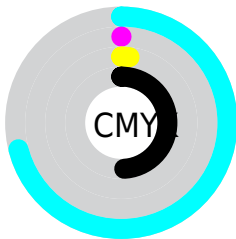
Distribution



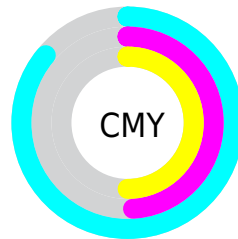
- Red (15%)
- Green (51%)
- Blue (50%)



- Red (15%)
- Yellow (33%)
- Blue (51%)



- Cyan (71%)
- Magenta (0%)
- Yellow (2%)
- Black (49%)



- Cyan (86%)
- Magenta (49%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 27.282, 194.154 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, 27.282, 194.154 by changing the saturation by 10% instead.


 49, 27.282,
194.154


 49, 27.282,
194.154


 100, 27.282,
194.154


 39, 27.282,
194.154

 69, 27.282,
194.154


 29, 27.282,
194.154

 79, 27.282,
194.154

 19, 27.282,
194.154

 89, 27.282,
194.154

 9, 27.282, 194.154

 99, 27.282,
194.154

 0, 27.282, 194.154

 49, 27.282,

 49, 27.282,

194.154

194.154

■ 49, 28.957,
193.801

■ 49, 24.995,
194.534

■ 49, 30.042,
193.473

■ 50, 22.111,
194.950

■ 48, 30.704,
193.201

■ 50, 18.671,
195.403

■ 51, 14.737,
195.895

■ 52, 10.381,
196.427

■ 53, 5.681, 197.009

■ 54, 0.712, 198.073

■ 55, 4.457, 18.021

■ 56, 9.766, 18.681

Harmonies

Complementary

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



49, 27.282, 194.154



30, 44.962, 28.607

Rectangle

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



49, 27.282, 194.154



49, 27.282, 244.154



49, 27.282, 14.154



49, 27.282, 64.154

Sweetspot

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



49, 27.282, 194.153



66, 12.665, 196.421



47, 60.287, 137.770



34, 8.473, 196.298



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49, 27.282, 194.153



63, 36.133, 193.582



35, 28.997, 267.210



26, 2.799, 197.157



48, 30.463, 193.205



0, 0.000, 0.000

Inverse Universe

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



30, 44.962, 28.607



36, 67.335, 34.451



39, 37.021, 63.551



25, 2.951, 18.112



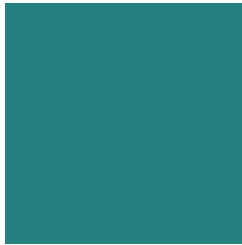
25, 60.458, 37.491



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 27.282, 194.154 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, 27.282, 194.154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

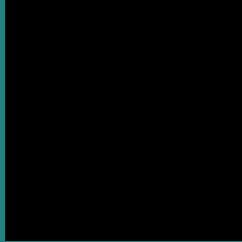
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 27.282, 194.154

Background



This preview shows how black text looks on a background with the CIELCh color 49, 27.282, 194.154.



This preview shows how white text looks on a background with the CIELCh color 49, 27.282, 194.154.

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, 27.282, 194.154

Protanopia

49, 2.499, 309.175

Deuteranopia

49, 10.412, 306.559



Tritanopia
49, 24.916, 212.286

Trichromacy



Original Color
49, 27.282, 194.154

Protanomaly
48, 11.882, 203.897

Deuteranomaly
48, 11.864, 228.407

Tritanomaly
49, 25.552, 204.927

Monochromacy



Original Color
49, 27.282, 194.154

Achromatopsia
43, 0.006, 296.813

Achromatomaly
44, 12.462, 195.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 27.282, 194.154 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(37, 129, 127)` looks like.

```
.text, #text, p{  
    color:rgb(37, 129, 127)  
}
```

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(37, 129, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 129, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 27.282, 194.154 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(37, 129, 127) }
```

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

```
.border{ border-color:rgb(37, 129, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 129, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 129, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 129, 127);  
box-shadow:4px 4px 4px 4px rgb(37, 129,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 27.282, 194.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 129, 127) }
```

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

```
.background{ background-color: rgb(37, 129,  
127) }
```

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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