

Converting Colors

CIELCh(49, 25.266, 185.081)

Have a look what the booklet for
CIELCh(49, 25.266, 185.081)
contains.

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Color

CIELCh(49, 25.300, 184.629)

Conversions

Conversions Part 1

Format	Color
Hex	368077
RGB	54, 128, 119
RGB Percent	21%, 50%, 47%
CMY	0.7877, 0.4975, 0.5328
CMYK	0.58, 0.00, 0.07, 0.50
HSL	173°, 41%, 36%
HSV	173°, 58%, 50%
XYZ	12.6014, 17.5941, 20.2232
YIQ	104.8480, -41.2150, -18.4870

Conversions

Conversions Part 2

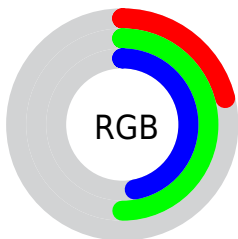
Format	Color
RYB	54, 93, 128
Decimal	3571831
CIELab	49.00, -25.22, -2.04
CIELCh	49, 25.300, 184.629
Yxy	17.5941, 0.2499, 0.3490
Android (android.graphics.Color)	4281761911 (0xFF368077)
YUV	104.8480, 6.9769, -44.5937
Hunter-Lab	41.9453, -19.7784, 0.7760




Details

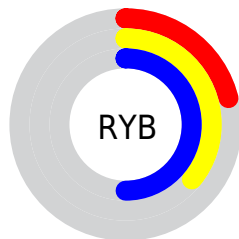
The CIELCh color `49, 25.300, 184.629` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `33, 34.452, 17.494`, and the grayscale version is `44, 0.006, 296.813`.




A 20% lighter version of the original color is `69, 25.287, 184.730`, and `29, 22.875, 184.639` is the 20% darker color. If you saturate the color by 10%, you get `49, 28.191, 183.662`, and if you desaturate by 10%, it is `50, 21.859, 185.536`.

Distribution







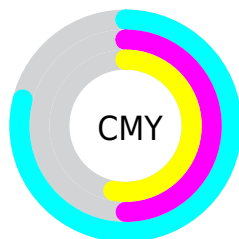
-  Red (21%)
-  Green (50%)
-  Blue (47%)






-  Red (21%)
-  Yellow (36%)
-  Blue (50%)



-  Cyan (58%)
-  Magenta (0%)
-  Yellow (7%)
-  Black (50%)



-  Cyan (79%)
-  Magenta (50%)
-  Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 25.300, 184.629 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, 25.300, 184.629 by changing the saturation by 10% instead.

 49, 25.300,
184.629


 49, 25.300,
184.629


 100, 25.300,
184.629

 39, 25.300,
184.629

 69, 25.300,
184.629


 29, 25.300,
184.629

 79, 25.300,
184.629

 19, 25.300,
184.629

 89, 25.300,
184.629

 9, 25.300, 184.629

 99, 25.300,
184.629

 0, 25.300, 184.629

 49, 25.300,

 49, 25.300,

184.629

184.629

■ 49, 28.191,
183.662

■ 50, 21.859,
185.536

■ 48, 30.496,
182.621

■ 50, 17.928,
186.401

■ 48, 32.212,
181.488

■ 51, 13.580,
187.237

■ 48, 33.461,
180.279

■ 52, 8.897, 188.055

■ 48, 33.734,
180.014

■ 53, 3.956, 188.893

■ 54, 1.171, 9.238

■ 55, 6.419, 10.259

■ 56, 11.736, 11.026

■ 58, 17.079, 11.763

Harmonies

Complementary

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



49, 25.300, 184.629



33, 34.452, 17.494

Rectangle

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



49, 25.300, 184.629



49, 25.300, 234.629



49, 25.300, 4.629



49, 25.300, 54.629

Sweetspot

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



49, 25.300, 184.627



66, 10.528, 188.084



48, 49.150, 137.077



34, 7.072, 187.951



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, 25.300, 184.627



62, 34.878, 183.375



41, 21.356, 249.372



26, 2.861, 188.774



48, 33.613, 180.021



0, 0.000, 0.000

Inverse Universe

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



33, 34.452, 17.494



39, 51.122, 21.189



39, 29.122, 55.299



25, 2.985, 10.068



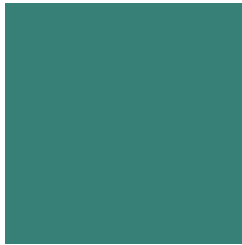
26, 57.497, 33.007



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 25.300, 184.629 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, 25.300, 184.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

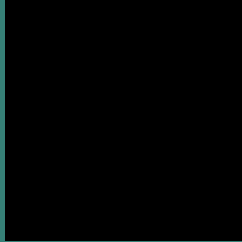
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 25.300, 184.629

Background



This preview shows how black text looks on a background with the CIELCh color 49, 25.300, 184.629.

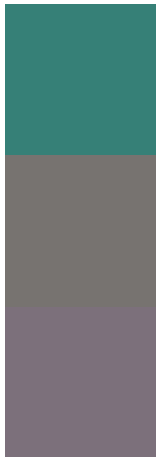


This preview shows how white text looks on a background with the CIELCh color 49, 25.300, 184.629.

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, 25.300, 184.629

Protanopia

49, 2.394, 66.582

Deuteranopia

49, 8.091, 327.277



Tritanopia
49, 21.263, 213.612

Trichromacy



Original Color
49, 25.300, 184.629

Protanomaly
48, 10.197, 181.473

Deuteranomaly
48, 7.559, 216.937

Tritanomaly
49, 22.045, 201.821

Monochromacy



Original Color
49, 25.300, 184.629

Achromatopsia
44, 0.006, 296.813

Achromatomaly
46, 10.263, 188.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 25.300, 184.629 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(54, 128, 119)` looks like.

```
.text, #text, p{  
    color:rgb(54, 128, 119)  
}
```

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(54, 128, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 128, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 25.300, 184.629 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(54, 128, 119) }
```

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

```
.border{ border-color:rgb(54, 128, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 128, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 128, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 128, 119);  
box-shadow:4px 4px 4px 4px rgb(54, 128,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 25.300, 184.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 128, 119) }
```

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

```
.background{ background-color: rgb(54, 128,  
119) }
```

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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