

Converting Colors

CIELCh(49, 27.339, 203.729)

Have a look what the booklet for
CIELCh(49, 27.339, 203.729)
contains.

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Color

CIELCh(49, 27.463, 202.928)

Conversions

Conversions Part 1

Format	Color
Hex	1D8186
RGB	29, 129, 134
RGB Percent	11%, 51%, 53%
CMY	0.8881, 0.4952, 0.4756
CMYK	0.79, 0.04, 0.00, 0.48
HSL	183°, 65%, 32%
HSV	183°, 79%, 52%
XYZ	12.5902, 17.5941, 25.1840
YIQ	99.6700, -61.2050, -19.6450

Conversions

Conversions Part 2

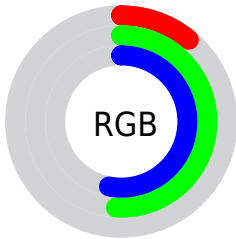
Format	Color
R_{YB}	29, 80, 134
Decimal	1933702
CIE _{Lab}	49.00, -25.29, -10.70
CIE _{LCh}	49, 27.463, 202.928
Yxy	17.5941, 0.2274, 0.3178
Android (android.graphics.Color)	4280123782 (0xFF1D8186)
YUV	99.6700, 16.9247, -61.9776
Hunter-Lab	41.9453, -19.8262, -6.2360

Details

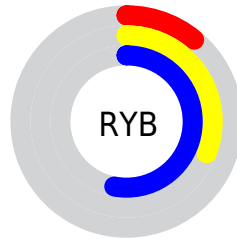
The CIELCh color **49, 27.463, 202.928** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **30, 50.774, 34.264**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 27.430, 203.102**, and **30, 20.789, 205.560** is the 20% darker color. If you saturate the color by 10%, you get **49, 28.506, 203.376**, and if you desaturate by 10%, it is **49, 25.803, 202.629**.

Distribution



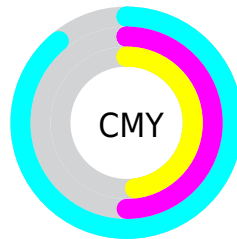
- Red (11%)
- Green (51%)
- Blue (53%)



- Red (11%)
- Yellow (31%)
- Blue (53%)



- Cyan (79%)
- Magenta (4%)
- Yellow (0%)
- Black (48%)



- Cyan (89%)
- Magenta (50%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 27.463, 202.928 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, 27.463, 202.928 by changing the saturation by 10% instead.

 49, 27.463,
202.928


 49, 27.463,
202.928

 100, 27.463,
202.928

 39, 27.463,
202.928

 69, 27.463,
202.928


 29, 27.463,
202.928

 79, 27.463,
202.928

 19, 27.463,
202.928

 89, 27.463,
202.928

 9, 27.463, 202.928

 99, 27.463,
202.928

 0, 27.463, 202.928

 49, 27.463,

 49, 27.463,

202.928

■ 49, 28.506,
203.376

■ 48, 29.087,
203.948

■ 48, 29.160,
204.025

202.928

■ 49, 25.803,
202.629

■ 50, 23.518,
202.472

■ 51, 20.631,
202.441

■ 52, 17.192,
202.522

■ 53, 13.267,
202.701

■ 54, 8.930, 202.969

■ 55, 4.259, 203.338

■ 56, 0.676, 23.003

■ 57, 5.809, 23.956

Harmonies

Complementary

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



49, 27.463, 202.928



30, 50.774, 34.264

Rectangle

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



49, 27.463, 202.928



49, 27.463, 252.928



49, 27.463, 22.928



49, 27.463, 72.928

Sweetspot

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



49, 27.463, 202.927



67, 13.940, 202.801



49, 65.604, 138.135



35, 9.435, 202.726



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



49, 27.463, 202.927



62, 34.973, 203.812



33, 36.403, 277.340



27, 2.752, 203.317



47, 28.584, 204.003



1, 0.675, 203.578

Inverse Universe

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



33, 63.086, 329.561



41, 82.364, 330.060



41, 42.276, 68.595



26, 5.104, 326.206



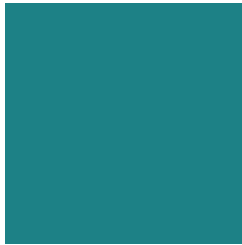
30, 67.632, 330.157



0, 1.216, 325.736

Previews

White Background



This preview shows how the CIELCh color 49, 27.463, 202.928 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, 27.463, 202.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

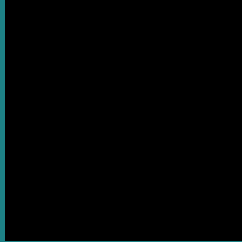
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 27.463, 202.928

Background



This preview shows how black text looks on a background with the CIELCh color 49, 27.463, 202.928.



This preview shows how white text looks on a background with the CIELCh color 49, 27.463, 202.928.

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, 27.463, 202.928

Protanopia

49, 5.885, 290.963

Deuteranopia

49, 14.245, 298.067



Tritanopia
49, 26.527, 209.846

Trichromacy



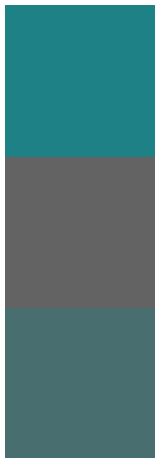
Original Color
49, 27.463, 202.928

Protanomaly
48, 13.541, 218.677

Deuteranomaly
48, 15.148, 240.168

Tritanomaly
49, 26.836, 207.033

Monochromacy



Original Color
49, 27.463, 202.928

Achromatopsia
42, 0.006, 296.813

Achromatomaly
44, 13.594, 202.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 27.463, 202.928 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(29, 129, 134)` looks like.

```
.text, #text, p{  
    color:rgb(29, 129, 134)  
}
```

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(29, 129, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 129, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 27.463, 202.928 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(29, 129, 134) }
```

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

```
.border{ border-color:rgb(29, 129, 134) }
```

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

Here you see how a box with a 4 pixel rgb(29, 129, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 129, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 129, 134);  
box-shadow:4px 4px 4px 4px rgb(29, 129,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 27.463, 202.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 129, 134) }
```

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

```
.background{ background-color: rgb(29, 129,  
134) }
```

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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