

Converting Colors

CIELCh(50, 29.068, 195.190)

Have a look what the booklet for
CIELCh(50, 29.068, 195.190)
contains.

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Color

CIELCh(50, 29.004, 195.369)

Conversions

Conversions Part 1

Format	Color
Hex	1B8483
RGB	27, 132, 131
RGB Percent	11%, 52%, 51%
CMY	0.8932, 0.4818, 0.4857
CMYK	0.79, 0.00, 0.01, 0.48
HSL	179°, 66%, 31%
HSV	179°, 79%, 52%
XYZ	12.8343, 18.4187, 24.3998
YIQ	100.4910, -62.2590, -22.5710

Conversions

Conversions Part 2

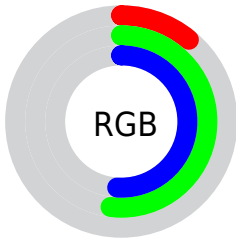
Format	Color
R_{YB}	27, 80, 132
Decimal	1803395
CIE _{Lab}	50.00, -27.97, -7.69
CIE _{LCh}	50, 29.004, 195.369
Yxy	18.4187, 0.2306, 0.3310
Android (android.graphics.Color)	4279993475 (0xFF1B8483)
YUV	100.4910, 15.0409, -64.4516
Hunter-Lab	42.9170, -21.7244, -3.6666

Details

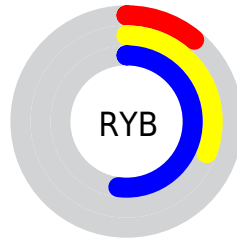
The CIELCh color **50, 29.004, 195.369** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **29, 51.587, 32.125**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 29.219, 194.965**, and **31, 21.981, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **50, 30.178, 195.159**, and if you desaturate by 10%, it is **50, 27.219, 195.619**.

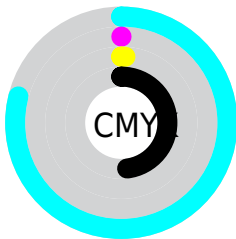
Distribution



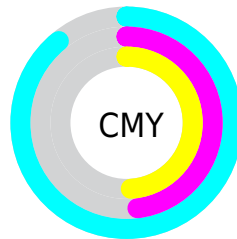
- Red (11%)
- Green (52%)
- Blue (51%)



- Red (11%)
- Yellow (31%)
- Blue (52%)



- Cyan (79%)
- Magenta (0%)
- Yellow (1%)
- Black (48%)





- Cyan (89%)
- Magenta (48%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 29.004, 195.369 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 50, 29.004, 195.369 by changing the saturation by 10% instead.


 50, 29.004,
195.369


 50, 29.004,
195.369


 100, 29.004,
195.369


 40, 29.004,
195.369


 70, 29.004,
195.369

 30, 29.004,
195.369


 80, 29.004,
195.369


 20, 29.004,
195.369

 90, 29.004,
195.369

 10, 29.004,
195.369

 0, 29.004, 195.369

 50, 29.004,
195.369

 50, 29.004,
195.369

■ 50, 30.178,
195.159

■ 50, 27.219,
195.619

■ 50, 30.926,
194.980

■ 51, 24.809,
195.918

■ 50, 30.971,
194.969

■ 51, 21.790,
196.268

■ 52, 18.210,
196.667

■ 52, 14.131,
197.116

■ 53, 9.631, 197.614

■ 54, 4.787, 198.177

■ 55, 0.324, 17.392

■ 56, 5.634, 19.148

Harmonies

Complementary

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



50, 29.004, 195.369



29, 51.587, 32.125

Rectangle

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



50, 29.004, 195.369



50, 29.004, 245.369



50, 29.004, 15.369



50, 29.004, 65.369

Sweetspot

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



50, 29.004, 195.368



67, 14.479, 197.351



48, 66.234, 137.245



35, 9.921, 197.200



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



50, 29.004, 195.368



63, 37.055, 195.022



34, 33.470, 272.287



28, 2.888, 198.193



49, 30.616, 194.971



1, 0.707, 198.625

Inverse Universe

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



29, 51.587, 32.125



36, 74.224, 38.102



39, 42.307, 63.965



26, 3.049, 19.104



26, 61.827, 38.133



0, 0.707, 18.608

Previews

White Background



This preview shows how the CIELCh color 50, 29.004, 195.369 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 50, 29.004, 195.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

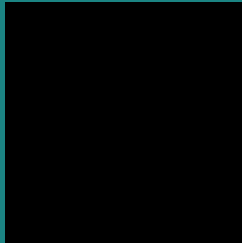
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 29.004, 195.369

Background



This preview shows how black text looks on a background with the CIELCh color 50, 29.004, 195.369.



This preview shows how white text looks on a background with the CIELCh color 50, 29.004, 195.369.

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

50, 29.004, 195.369

Protanopia

50, 2.386, 300.095

Deuteranopia

50, 12.083, 304.468



Tritanopia
50, 26.723, 209.713

Trichromacy



Original Color
50, 29.004, 195.369

Protanomaly
49, 13.499, 203.043

Deuteranomaly
49, 13.693, 232.541

Tritanomaly
50, 27.288, 204.263

Monochromacy



Original Color
50, 29.004, 195.369

Achromatopsia
43, 0.006, 296.813

Achromatomaly
45, 14.008, 197.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 29.004, 195.369 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(27, 132, 131)` looks like.

```
.text, #text, p{  
    color:rgb(27, 132, 131)  
}
```

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(27, 132, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 132, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 29.004, 195.369 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(27, 132, 131) }
```

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

```
.border{ border-color:rgb(27, 132, 131) }
```

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

Here you see how a box with a 4 pixel rgb(27, 132, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 132, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 132, 131);  
box-shadow:4px 4px 4px 4px rgb(27, 132,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 29.004, 195.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 132, 131) }
```

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

```
.background{ background-color: rgb(27, 132,  
131) }
```

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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