

Converting Colors

CIELCh(52, 29.615, 198.740)

Have a look what the booklet for
CIELCh(52, 29.615, 198.740)
contains.

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Color

CIELCh(52, 29.829, 197.698)

Conversions

Conversions Part 1

Format	Color
Hex	1A8A8B
RGB	26, 138, 139
RGB Percent	10%, 54%, 55%
CMY	0.8968, 0.4603, 0.4564
CMYK	0.81, 0.01, 0.00, 0.46
HSL	181°, 68%, 32%
HSV	181°, 81%, 54%
XYZ	14.1001, 20.1443, 27.4269
YIQ	104.6260, -67.0730, -23.4330

Conversions

Conversions Part 2

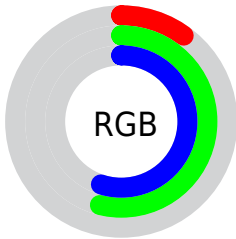
Format	Color
R _Y B	26, 82, 139
Decimal	1739403
CIE Lab	52.00, -28.42, -9.07
CIE LCh	52, 29.829, 197.698
Yxy	20.1443, 0.2286, 0.3266
Android (android.graphics.Color)	4279929483 (0xFF1A8A8B)
YUV	104.6260, 16.9464, -68.9550
Hunter-Lab	44.8824, -22.4673, -4.8134

Details

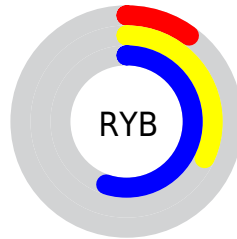
The CIELCh color **52, 29.829, 197.698** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **30, 54.877, 33.685**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 29.942, 197.146**, and **33, 22.581, 199.699** is the 20% darker color. If you saturate the color by 10%, you get **52, 30.864, 197.700**, and if you desaturate by 10%, it is **52, 28.165, 197.767**.

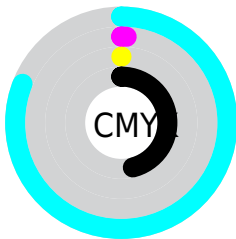
Distribution



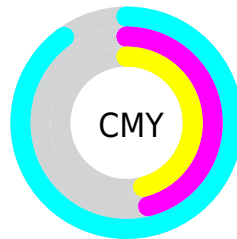
- Red (10%)
- Green (54%)
- Blue (55%)



- Red (10%)
- Yellow (32%)
- Blue (55%)



- Cyan (81%)
- Magenta (1%)
- Yellow (0%)
- Black (46%)



- Cyan (90%)
- Magenta (46%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 29.829, 197.698 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 52, 29.829, 197.698 by changing the saturation by 10% instead.

 52, 29.829,
197.698


 52, 29.829,
197.698

 100, 29.829,
197.698

 42, 29.829,
197.698

 72, 29.829,
197.698

 32, 29.829,
197.698

 82, 29.829,
197.698

 22, 29.829,
197.698

 92, 29.829,
197.698

 12, 29.829,
197.698

 2, 29.829, 197.698

 0, 29.829, 197.698

■ 52, 29.829,
197.698

■ 52, 29.829,
197.698

■ 52, 30.864,
197.700

■ 52, 28.165,
197.767

■ 52, 31.454,
197.743

■ 53, 25.848,
197.912

■ 53, 22.890,
198.131

■ 54, 19.334,
198.420

■ 55, 15.243,
198.776

■ 55, 10.694,
199.193

■ 56, 5.770, 199.682

■ 58, 0.548, 200.873

Harmonies

Complementary

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



52, 29.829, 197.698



30, 54.877, 33.685

Rectangle

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



52, 29.829, 197.698



52, 29.829, 247.698



52, 29.829, 17.698



52, 29.829, 67.698

Sweetspot

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



52, 29.829, 197.697



71, 15.008, 199.040



50, 69.762, 137.248



37, 10.278, 198.908



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



52, 29.829, 197.697



66, 38.093, 197.751



34, 36.483, 274.942



29, 2.951, 199.786



50, 30.458, 197.738



1, 1.401, 200.173

Inverse Universe

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



34, 67.660, 328.282



43, 88.169, 328.558



41, 44.859, 65.146



27, 5.408, 325.143



31, 70.635, 328.580



0, 2.496, 324.676

Previews

White Background



This preview shows how the CIELCh color 52, 29.829, 197.698 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 52, 29.829, 197.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

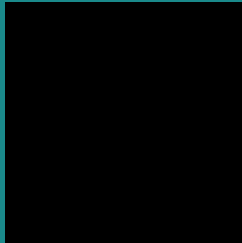
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 29.829, 197.698

Background



This preview shows how black text looks on a background with the CIELCh color 52, 29.829, 197.698.

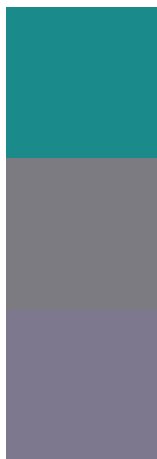


This preview shows how white text looks on a background with the CIELCh color 52, 29.829, 197.698.

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

52, 29.929, 197.685

Protanopia

52, 3.519, 297.032

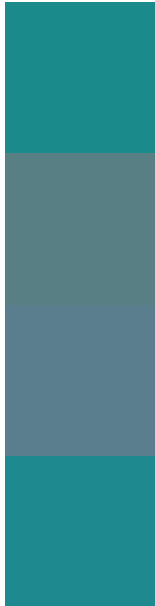
Deuteranopia

52, 13.056, 301.745



Tritanopia
52, 27.907, 210.291

Trichromacy



Original Color
52, 29.929, 197.685

Protanomaly
51, 14.409, 207.383

Deuteranomaly
51, 14.959, 234.444

Tritanomaly
52, 28.600, 205.025

Monochromacy



Original Color
52, 29.929, 197.685

Achromatopsia
44, 0.006, 296.813

Achromatomaly
46, 14.545, 200.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 29.829, 197.698 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(26, 138, 139)` looks like.

```
.text, #text, p{  
    color:rgb(26, 138, 139)  
}
```

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(26, 138, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 138, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 29.829, 197.698 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(26, 138, 139) }
```

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

```
.border{ border-color:rgb(26, 138, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 138, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 138, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 138, 139);  
box-shadow:4px 4px 4px 4px rgb(26, 138,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 29.829, 197.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 138, 139) }
```

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

```
.background{ background-color: rgb(26, 138,  
139) }
```

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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