

Converting Colors

CIELCh(52, 29.675, 215.672)

Have a look what the booklet for
CIELCh(52, 29.675, 215.672)
contains.

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Color

CIELCh(52, 29.732, 215.293)

Conversions

Conversions Part 1

Format	Color
Hex	0E8999
RGB	14, 137, 153
RGB Percent	5%, 54%, 60%
CMY	0.9463, 0.4644, 0.4017
CMYK	0.91, 0.10, 0.00, 0.40
HSL	187°, 84%, 33%
HSV	187°, 91%, 60%
XYZ	14.7737, 20.1443, 33.0563
YIQ	102.0470, -78.4440, -21.1000

Conversions

Conversions Part 2

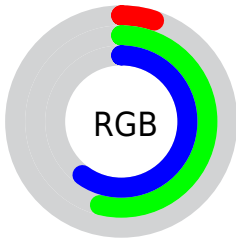
Format	Color
RYB	14, 79, 153
Decimal	952729
CIELab	52.00, -24.27, -17.18
CIELCh	52, 29.732, 215.293
Yxy	20.1443, 0.2173, 0.2964
Android (android.graphics.Color)	4279142809 (0xFF0E8999)
YUV	102.0470, 25.1198, -77.2172
Hunter-Lab	44.8824, -19.7883, -12.2499

Details

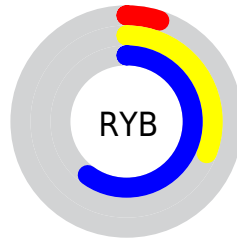
The CIELCh color **52, 29.732, 215.293** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **33, 63.774, 39.840**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 29.863, 214.499**, and **34, 22.300, 222.319** is the 20% darker color. If you saturate the color by 10%, you get **51, 30.139, 216.939**, and if you desaturate by 10%, it is **53, 28.870, 213.712**.

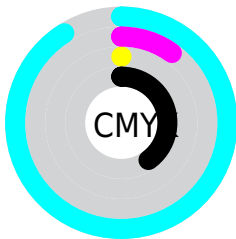
Distribution



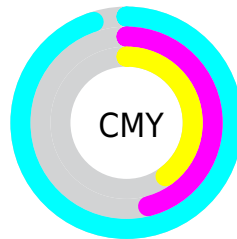
- Red (5%)
- Green (54%)
- Blue (60%)



- Red (5%)
- Yellow (31%)
- Blue (60%)



- Cyan (91%)
- Magenta (10%)
- Yellow (0%)
- Black (40%)





- Cyan (95%)
- Magenta (46%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 29.732, 215.293 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, 29.732, 215.293 by changing the saturation by 10% instead.


 52, 29.732,
215.293


 52, 29.732,
215.293


 100, 29.732,
215.293


 42, 29.732,
215.293


 72, 29.732,
215.293

 32, 29.732,
215.293

 82, 29.732,
215.293

 22, 29.732,
215.293

 92, 29.732,
215.293

 12, 29.732,
215.293

 2, 29.732, 215.293

 0, 29.732, 215.293

■ 52, 29.732,
215.293

■ 52, 29.732,
215.293

■ 51, 30.139,
216.939

■ 53, 28.870,
213.712

■ 54, 27.360,
212.480

■ 55, 25.176,
211.555

■ 56, 22.335,
210.892

■ 57, 18.887,
210.450

■ 58, 14.903,
210.192

■ 60, 10.463,
210.087

■ 61, 5.648, 210.124

Harmonies

Complementary

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



52, 29.732, 215.293



33, 63.774, 39.840

Rectangle

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



52, 29.732, 215.293



52, 29.732, 265.293



52, 29.732, 35.293



52, 29.732, 85.293

Sweetspot

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



52, 29.731, 215.292



75, 16.315, 210.139



55, 76.496, 137.923



39, 10.839, 210.185



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



52, 29.731, 215.292



66, 36.627, 217.408



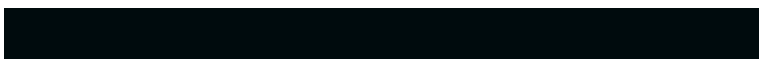
31, 52.933, 288.418



32, 2.918, 210.150



47, 28.358, 216.767



2, 3.201, 211.360

Inverse Universe

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



36, 70.613, 332.855



46, 87.533, 333.451



46, 53.196, 71.991



30, 5.488, 328.235



32, 67.807, 333.293



1, 5.851, 328.091

Previews

White Background



This preview shows how the CIELCh color 52, 29.732, 215.293 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, 29.732, 215.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

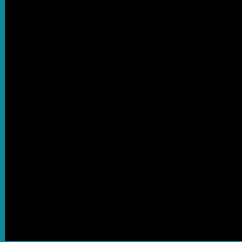
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 29.732, 215.293

Background



This preview shows how black text looks on a background with the CIELCh color 52, 29.732, 215.293.

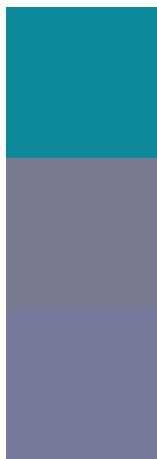


This preview shows how white text looks on a background with the CIELCh color 52, 29.732, 215.293.

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, 29.787, 215.254

Protanopia

52, 12.226, 288.234

Deuteranopia

52, 20.368, 289.733



Tritanopia
52, 30.471, 208.924

Trichromacy



Original Color
52, 29.787, 215.254

Protanomaly
51, 18.396, 235.557

Deuteranomaly
51, 21.541, 248.136

Tritanomaly
52, 30.188, 211.405

Monochromacy



Original Color
52, 29.787, 215.254

Achromatopsia
43, 0.006, 296.813

Achromatomaly
46, 15.977, 208.569

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 29.732, 215.293 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(14, 137, 153)` looks like.

```
.text, #text, p{  
    color:rgb(14, 137, 153)  
}
```

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(14, 137, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 137, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 29.732, 215.293 is called "border". The border property can be set on classes, ids or directly on the HTML element.

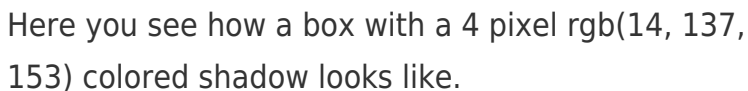
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(14, 137, 153) }
```

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

```
.border{ border-color:rgb(14, 137, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(14, 137, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 137, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 137, 153);  
box-shadow:4px 4px 4px 4px rgb(14, 137,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 29.732, 215.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 137, 153) }
```

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

```
.background{ background-color: rgb(14, 137,  
153) }
```

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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