

Converting Colors

CIELCh(58, 29.590, 197.367)

Have a look what the booklet for
CIELCh(58, 29.590, 197.367)
contains.

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Color

CIELCh(58, 29.424, 197.922)

Conversions

Conversions Part 1

Format	Color
Hex	34999A
RGB	52, 153, 154
RGB Percent	20%, 60%, 60%
CMY	0.7946, 0.3988, 0.3949
CMYK	0.66, 0.01, 0.00, 0.39
HSL	181°, 49%, 41%
HSV	181°, 66%, 61%
XYZ	18.7314, 25.9610, 34.7224
YIQ	122.9150, -60.5170, -21.1010

Conversions

Conversions Part 2

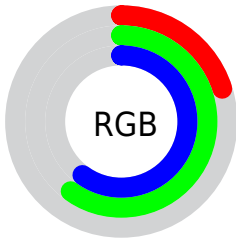
Format	Color
R _{YB}	52, 103, 154
Decimal	3447194
CIE Lab	58.00, -28.00, -9.05
CIE LCh	58, 29.424, 197.922
Yxy	25.9610, 0.2359, 0.3269
Android (android.graphics.Color)	4281637274 (0xFF34999A)
YUV	122.9150, 15.3249, -62.1925
Hunter-Lab	50.9519, -23.5442, -4.7382

Details

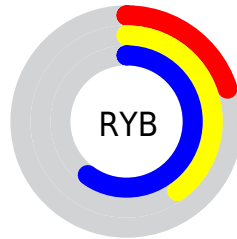
The CIELCh color **58, 29.424, 197.922** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **37, 48.164, 29.257**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 29.624, 197.296**, and **38, 25.090, 199.291** is the 20% darker color. If you saturate the color by 10%, you get **58, 31.542, 197.825**, and if you desaturate by 10%, it is **59, 26.587, 198.094**.

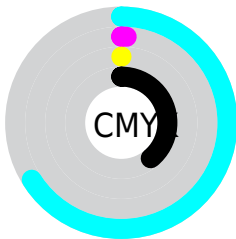
Distribution



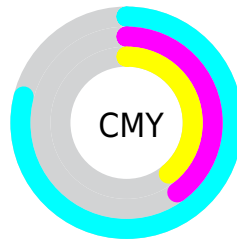
- Red (20%)
- Green (60%)
- Blue (60%)



- Red (20%)
- Yellow (40%)
- Blue (60%)



- Cyan (66%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)





- Cyan (79%)
- Magenta (40%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 29.424, 197.922 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 58, 29.424, 197.922 by changing the saturation by 10% instead.


 58, 29.424,
197.922

 58, 29.424,
197.922


 100, 29.424,
197.922

 48, 29.424,
197.922


 78, 29.424,
197.922

 38, 29.424,
197.922

 88, 29.424,
197.922

 28, 29.424,
197.922

 98, 29.424,
197.922

 18, 29.424,
197.922

 8, 29.424, 197.922

 0, 29.424, 197.922

■ 58, 29.424,
197.922

■ 58, 29.424,
197.922

■ 58, 31.542,
197.825

■ 59, 26.587,
198.094

■ 57, 32.951,
197.807

■ 59, 23.062,
198.342

■ 57, 33.726,
197.861

■ 60, 18.907,
198.661

■ 57, 33.967,
197.889

■ 61, 14.201,
199.045

■ 62, 9.034, 199.495

■ 63, 3.496, 200.051

■ 64, 2.328, 20.239

■ 66, 8.362, 20.924

■ 67, 14.538, 21.512

Harmonies

Complementary

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



58, 29.424, 197.922



37, 48.164, 29.257

Rectangle

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



58, 29.424, 197.922



58, 29.424, 247.922



58, 29.424, 17.922



58, 29.424, 67.922

Sweetspot

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



58, 29.424, 197.921



78, 13.805, 199.291



56, 66.053, 138.704



41, 9.414, 199.175



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



58, 29.424, 197.921



74, 39.313, 197.808



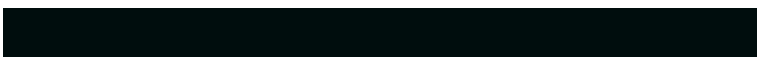
43, 32.789, 269.551



32, 3.217, 199.852



52, 31.684, 197.876



3, 3.555, 200.360

Inverse Universe

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



41, 64.725, 327.907



50, 89.260, 328.318



48, 39.476, 67.233



30, 5.901, 325.174



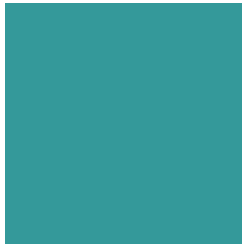
33, 73.517, 328.615



1, 6.338, 324.735

Previews

White Background



This preview shows how the CIELCh color 58, 29.424, 197.922 looks on a white background.

Color Contrast Check

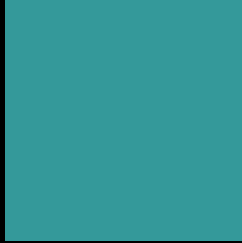
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 29.424, 197.922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

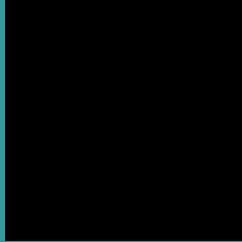
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 29.424, 197.922

Background



This preview shows how black text looks on a background with the CIELCh color 58, 29.424, 197.922.

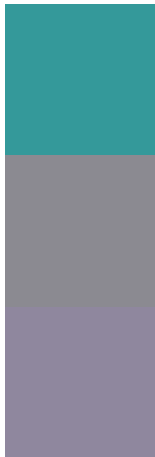


This preview shows how white text looks on a background with the CIELCh color 58, 29.424, 197.922.

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
58, 29.424, 197.922

Protanopia
58, 4.013, 296.141

Deuteranopia
58, 13.497, 304.387



Tritanopia
58, 27.596, 211.602

Trichromacy



Original Color
58, 29.424, 197.922



Protanomaly
57, 13.023, 208.392



Deuteranomaly
57, 13.813, 237.078

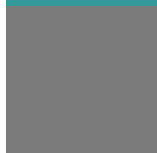


Tritanomaly
58, 27.987, 206.474

Monochromacy



Original Color
58, 29.424, 197.922



Achromatopsia
52, 0.007, 296.813



Achromatomaly
53, 13.491, 198.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 29.424, 197.922 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(52, 153, 154)` looks like.

```
.text, #text, p{  
    color:rgb(52, 153, 154)  
}
```

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(52, 153, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 153, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 29.424, 197.922 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(52, 153, 154) }
```

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

```
.border{ border-color:rgb(52, 153, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 153, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 153, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 153, 154);  
box-shadow:4px 4px 4px 4px rgb(52, 153,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 29.424, 197.922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 153, 154) }
```

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

```
.background{ background-color: rgb(52, 153,  
154) }
```

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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