

Converting Colors

CIELCh(58, 32.389, 196.488)

Have a look what the booklet for
CIELCh(58, 32.389, 196.488)
contains.

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Color

CIELCh(58, 32.629, 195.528)

Conversions

Conversions Part 1

Format	Color
Hex	209B9A
RGB	32, 155, 154
RGB Percent	13%, 61%, 60%
CMY	0.8730, 0.3935, 0.3974
CMYK	0.79, 0.00, 0.01, 0.39
HSL	180°, 65%, 37%
HSV	180°, 79%, 61%
XYZ	18.0745, 25.9610, 34.4795
YIQ	118.1090, -72.9870, -26.3870

Conversions

Conversions Part 2

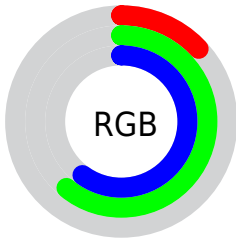
Format	Color
R_{YB}	32, 94, 155
Decimal	2136986
CIE _{Lab}	58.00, -31.44, -8.74
CIE _{LCh}	58, 32.629, 195.528
Yxy	25.9610, 0.2302, 0.3306
Android (android.graphics.Color)	4280327066 (0xFF209B9A)
YUV	118.1090, 17.6943, -75.5176
Hunter-Lab	50.9519, -25.8454, -4.4556

Details

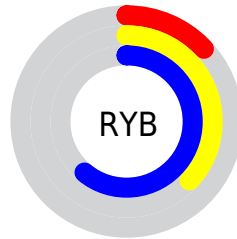
The CIELCh color **58, 32.629, 195.528** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **34, 58.486, 32.492**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 32.765, 195.191**, and **39, 25.749, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **58, 33.902, 195.334**, and if you desaturate by 10%, it is **58, 30.656, 195.766**.

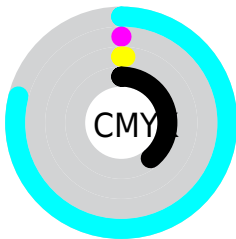
Distribution



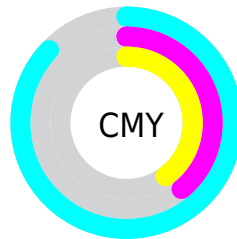
- Red (13%)
- Green (61%)
- Blue (60%)



- Red (13%)
- Yellow (37%)
- Blue (61%)



- Cyan (79%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)





- Cyan (87%)
- Magenta (39%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 32.629, 195.528 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, 32.629, 195.528 by changing the saturation by 10% instead.


 58, 32.629,
195.528


 58, 32.629,
195.528


 100, 32.629,
195.528


 48, 32.629,
195.528


 78, 32.629,
195.528

 38, 32.629,
195.528

 88, 32.629,
195.528

 28, 32.629,
195.528

 98, 32.629,
195.528

 18, 32.629,
195.528

 8, 32.629, 195.528

 0, 32.629, 195.528

■ 58, 32.629,
195.528

■ 58, 32.629,
195.528

■ 58, 33.902,
195.334

■ 58, 30.656,
195.766

■ 58, 34.635,
195.174

■ 59, 27.961,
196.055

■ 58, 34.699,
195.160

■ 59, 24.562,
196.398

■ 60, 20.512,
196.794

■ 61, 15.886,
197.242

■ 62, 10.772,
197.742

■ 63, 5.260, 198.310

■ 64, 0.559, 17.966

Harmonies

Complementary

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



58, 32.629, 195.528



34, 58.486, 32.492

Rectangle

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



58, 32.629, 195.528



58, 32.629, 245.528



58, 32.629, 15.528



58, 32.629, 65.528

Sweetspot

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



58, 32.629, 195.527



78, 16.537, 197.465



56, 74.725, 137.177



41, 11.320, 197.302



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, 32.629, 195.527



74, 41.911, 195.210



40, 37.886, 272.609



32, 3.252, 198.300



53, 32.306, 195.170



3, 3.596, 198.648

Inverse Universe

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



34, 58.486, 32.492



42, 84.546, 38.451



45, 47.935, 63.844



30, 3.438, 19.235



28, 65.838, 38.728



1, 3.596, 18.737

Previews

White Background



This preview shows how the CIE LCh color 58, 32.629, 195.528 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, 32.629, 195.528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

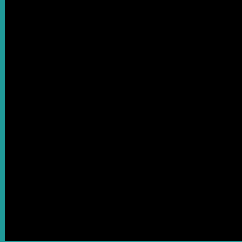
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 32.629, 195.528

Background



This preview shows how black text looks on a background with the CIELCh color 58, 32.629, 195.528.

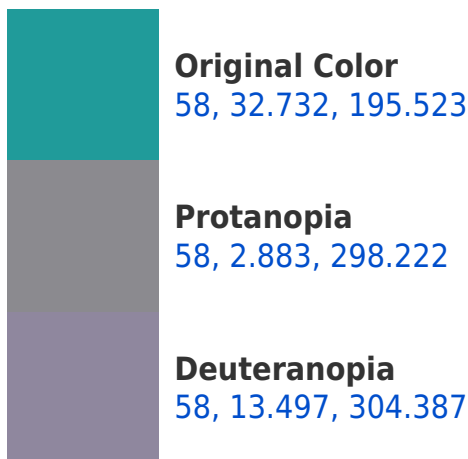


This preview shows how white text looks on a background with the CIELCh color 58, 32.629, 195.528.

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





Tritanopia
58, 30.110, 210.168

Trichromacy



Original Color
58, 32.732, 195.523



Protanomaly
57, 15.533, 204.365



Deuteranomaly
57, 15.344, 229.966



Tritanomaly
58, 30.869, 204.260

Monochromacy



Original Color
58, 32.732, 195.523



Achromatopsia
50, 0.007, 296.813



Achromatomaly
52, 15.758, 197.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 32.629, 195.528 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(32, 155, 154)` looks like.

```
.text, #text, p{  
    color:rgb(32, 155, 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(32, 155, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 155, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 32.629, 195.528 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(32, 155, 154) }
```

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

```
.border{ border-color:rgb(32, 155, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 155, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 155, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 155, 154);  
box-shadow:4px 4px 4px 4px rgb(32, 155,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 32.629, 195.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 155, 154) }
```

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

```
.background{ background-color: rgb(32, 155,  
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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