

Converting Colors

CIELCh(59, 32.140, 212.713)

Have a look what the booklet for
CIELCh(59, 32.140, 212.713)
contains.

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Color

CIELCh(59, 32.105, 212.389)

Conversions

Conversions Part 1

Format	Color
Hex	1B9CAB
RGB	27, 156, 171
RGB Percent	11%, 61%, 67%
CMY	0.8924, 0.3875, 0.3286
CMYK	0.84, 0.09, 0.00, 0.33
HSL	186°, 72%, 39%
HSV	186°, 84%, 67%
XYZ	19.7529, 27.0277, 42.8009
YIQ	119.1390, -81.6990, -22.6830

Conversions

Conversions Part 2

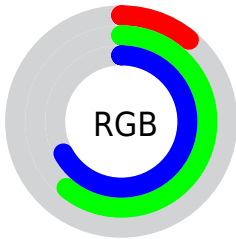
Format	Color
R_{YB}	27, 95, 171
Decimal	1809579
CIE _{Lab}	59.00, -27.11, -17.20
CIE _{LCh}	59, 32.105, 212.389
Yxy	27.0277, 0.2205, 0.3017
Android (android.graphics.Color)	4279999659 (0xFF1B9CAB)
YUV	119.1390, 25.5675, -80.8059
Hunter-Lab	51.9882, -23.1583, -12.4206

Details

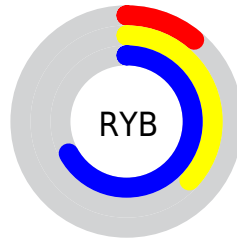
The CIELCh color **59, 32.105, 212.389** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **39, 64.982, 38.269**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 32.128, 211.921**, and **40, 25.063, 218.564** is the 20% darker color. If you saturate the color by 10%, you get **58, 32.794, 213.925**, and if you desaturate by 10%, it is **60, 30.712, 211.185**.

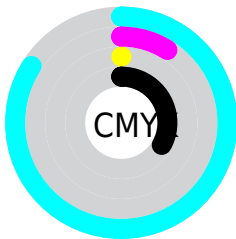
Distribution



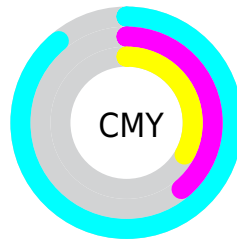
- Red (11%)
- Green (61%)
- Blue (67%)



- Red (11%)
- Yellow (37%)
- Blue (67%)



- Cyan (84%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)





- Cyan (89%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 32.105, 212.389 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 59, 32.105, 212.389 by changing the saturation by 10% instead.


 59, 32.105,
212.389


 59, 32.105,
212.389


 100, 32.105,
212.389


 49, 32.105,
212.389


 79, 32.105,
212.389

 39, 32.105,
212.389

 89, 32.105,
212.389

 29, 32.105,
212.389

 99, 32.105,
212.389

 19, 32.105,
212.389

 9, 32.105, 212.389

 0, 32.105, 212.389

■ 59, 32.105,
212.389

■ 59, 32.105,
212.389

■ 58, 32.794,
213.925

■ 60, 30.712,
211.185

■ 58, 33.020,
214.952

■ 61, 28.568,
210.280

■ 62, 25.676,
209.634

■ 63, 22.081,
209.207

■ 64, 17.857,
208.964

■ 66, 13.091,
208.875

■ 68, 7.875, 208.921

■ 69, 2.300, 209.190

Harmonies

Complementary

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



59, 32.105, 212.389



39, 64.982, 38.269

Rectangle

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



59, 32.105, 212.389



59, 32.105, 262.389



59, 32.105, 32.389



59, 32.105, 82.389

Sweetspot

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



59, 32.104, 212.388



83, 16.766, 208.879



61, 80.143, 138.689



44, 11.387, 208.901



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



59, 32.104, 212.388



74, 40.013, 215.323



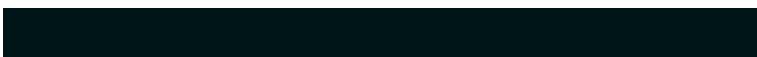
37, 53.384, 285.981



36, 3.264, 208.995



51, 30.050, 214.735



5, 6.832, 213.695

Inverse Universe

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



41, 75.684, 332.060



51, 95.760, 332.938



53, 55.025, 73.332



34, 6.135, 327.909



35, 71.928, 332.794



2, 12.501, 328.789

Previews

White Background



This preview shows how the CIE LCh color 59, 32.105, 212.389 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 59, 32.105, 212.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

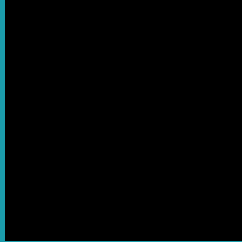
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 32.105, 212.389

Background



This preview shows how black text looks on a background with the CIELCh color 59, 32.105, 212.389.

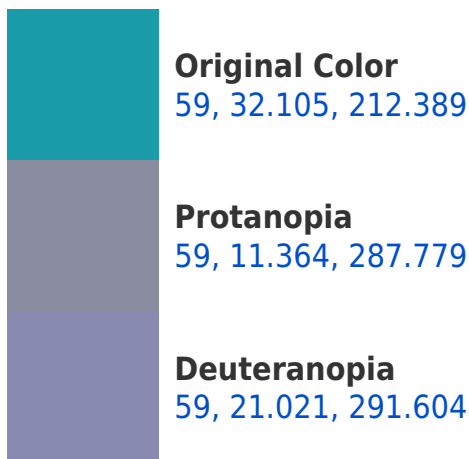


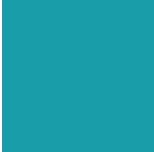
This preview shows how white text looks on a background with the CIELCh color 59, 32.105, 212.389.

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
59, 32.474, 208.987

Trichromacy



Original Color
59, 32.105, 212.389

Protanomaly
58, 18.503, 232.066

Deuteranomaly
58, 21.916, 247.723

Tritanomaly
59, 32.373, 210.093

Monochromacy



Original Color
59, 32.105, 212.389

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 16.505, 208.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 32.105, 212.389 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, 156, 171)` looks like.

```
.text, #text, p{  
    color:rgb(27, 156, 171)  
}
```

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, 156, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 156, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 32.105, 212.389 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, 156, 171) }
```

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

```
.border{ border-color:rgb(27, 156, 171) }
```

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

Here you see how a box with a 4 pixel rgb(27, 156, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 156, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 156, 171);  
box-shadow:4px 4px 4px 4px rgb(27, 156,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 32.105, 212.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 156, 171) }
```

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

```
.background{ background-color: rgb(27, 156,  
171) }
```

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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