

Converting Colors

CIELCh(56, 32.949, 200.773)

Have a look what the booklet for
CIELCh(56, 32.949, 200.773)
contains.

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Color

CIELCh(56, 32.819, 201.575)

Conversions

Conversions Part 1

Format	Color
Hex	03959A
RGB	3, 149, 154
RGB Percent	1%, 58%, 60%
CMY	0.9891, 0.4149, 0.3953
CMYK	0.98, 0.03, 0.00, 0.40
HSL	182°, 96%, 31%
HSV	182°, 98%, 60%
XYZ	16.6605, 23.9124, 34.3922
YIQ	105.9160, -88.6210, -29.3970

Conversions

Conversions Part 2

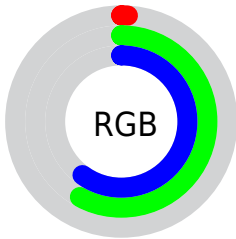
Format	Color
RYB	3, 77, 154
Decimal	234906
CIELab	56.00, -30.52, -12.07
CIELCh	56, 32.819, 201.575
Yxy	23.9124, 0.2222, 0.3190
Android (android.graphics.Color)	4278424986 (0xFF03959A)
YUV	105.9160, 23.7054, -90.2573
Hunter-Lab	48.9003, -24.7599, -7.4691

Details

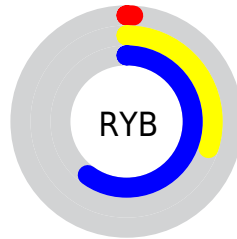
The CIELCh color **56, 32.819, 201.575** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **32, 69.996, 39.580**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **76, 32.869, 200.868**, and **37, 24.209, 203.968** is the 20% darker color. If you saturate the color by 10%, you get **56, 32.913, 201.645**, and if you desaturate by 10%, it is **56, 32.214, 201.189**.

Distribution



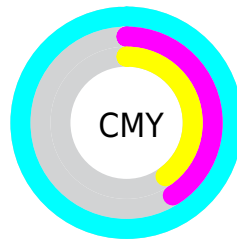
- Red (1%)
- Green (58%)
- Blue (60%)



- Red (1%)
- Yellow (30%)
- Blue (60%)



- Cyan (98%)
- Magenta (3%)
- Yellow (0%)
- Black (40%)





- Cyan (99%)
- Magenta (41%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 32.819, 201.575 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 56, 32.819, 201.575 by changing the saturation by 10% instead.


 56, 32.819,
201.575


 56, 32.819,
201.575


 100, 32.819,
201.575


 46, 32.819,
201.575


 76, 32.819,
201.575


 36, 32.819,
201.575

 86, 32.819,
201.575

 26, 32.819,
201.575

 96, 32.819,
201.575

 16, 32.819,
201.575

 6, 32.819, 201.575

 0, 32.819, 201.575

■ 56, 32.819,
201.575

■ 56, 32.819,
201.575

■ 56, 32.913,
201.645

■ 56, 32.214,
201.189

■ 57, 31.038,
200.914

■ 57, 29.162,
200.761

■ 58, 26.569,
200.726

■ 58, 23.286,
200.799

■ 59, 19.367,
200.969

■ 60, 14.889,
201.227

■ 61, 9.938, 201.564

Harmonies

Complementary

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



56, 32.819, 201.575



32, 69.996, 39.580

Rectangle

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



56, 32.819, 201.575



56, 32.819, 251.575



56, 32.819, 21.575



56, 32.819, 71.575

Sweetspot

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



56, 32.818, 201.574



77, 18.937, 201.187



55, 81.474, 136.269



40, 12.893, 201.079



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



56, 32.818, 201.574



72, 40.089, 201.755



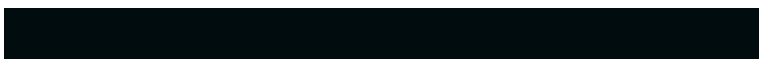
33, 49.615, 284.281



32, 3.143, 201.947



51, 30.723, 201.600



3, 3.464, 202.650

Inverse Universe

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



36, 77.028, 329.533



48, 94.281, 329.596



42, 57.173, 62.888



30, 5.809, 325.810



33, 72.220, 329.557



1, 6.226, 325.449

Previews

White Background



This preview shows how the CIE LCh color 56, 32.819, 201.575 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 56, 32.819, 201.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

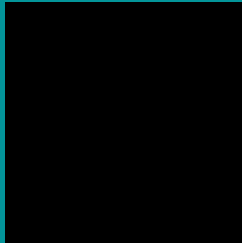
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 32.819, 201.575

Background



This preview shows how black text looks on a background with the CIELCh color 56, 32.819, 201.575.



This preview shows how white text looks on a background with the CIELCh color 56, 32.819, 201.575.

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

56, 32.776, 201.585

Protanopia

56, 6.306, 290.936

Deuteranopia

56, 16.179, 297.245

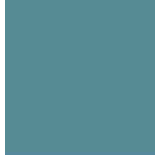


Tritanopia
56, 31.149, 209.665

Trichromacy



Original Color
56, 32.776, 201.585



Protanomaly
55, 18.351, 214.338



Deuteranomaly
54, 19.718, 234.167



Tritanomaly
56, 31.666, 207.229

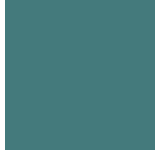
Monochromacy



Original Color
56, 32.776, 201.585



Achromatopsia
45, 0.006, 296.813



Achromatomaly
48, 18.569, 201.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 32.819, 201.575 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(3, 149, 154)` looks like.

```
.text, #text, p{  
    color:rgb(3, 149, 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(3, 149, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 149, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 32.819, 201.575 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(3, 149, 154) }
```

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

```
.border{ border-color:rgb(3, 149, 154) }
```

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

Here you see how a box with a 4 pixel rgb(3, 149, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 149, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 149, 154);  
box-shadow:4px 4px 4px 4px rgb(3, 149,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 32.819, 201.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 149, 154) }
```

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

```
.background{ background-color: rgb(3, 149,  
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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