

Converting Colors

CIELCh(56, 28.401, 200.955)

Have a look what the booklet for
CIELCh(56, 28.401, 200.955)
contains.

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Color

CIELCh(56, 28.196, 201.585)

Conversions

Conversions Part 1

Format	Color
Hex	329397
RGB	50, 147, 151
RGB Percent	20%, 58%, 59%
CMY	0.8021, 0.4221, 0.4065
CMYK	0.67, 0.03, 0.00, 0.41
HSL	182°, 50%, 40%
HSV	182°, 67%, 59%
XYZ	17.4406, 23.9124, 33.1238
YIQ	118.4530, -59.0960, -19.3200

Conversions

Conversions Part 2

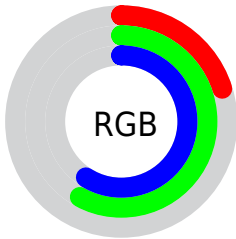
Format	Color
R_{YB}	50, 99, 151
Decimal	3314583
CIE _{Lab}	56.00, -26.22, -10.37
CIE _{LCh}	56, 28.196, 201.585
Yxy	23.9124, 0.2342, 0.3211
Android (android.graphics.Color)	4281504663 (0xFF329397)
YUV	118.4530, 16.0457, -60.0333
Hunter-Lab	48.9003, -21.9124, -5.9313




Details

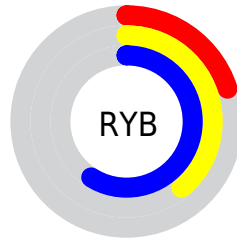
The CIELCh color **56, 28.196, 201.585** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **37, 47.019, 30.897**, and the grayscale version is **50, 0.007, 296.813**.



A 20% lighter version of the original color is **76, 28.101, 201.827**, and **37, 23.954, 202.533** is the 20% darker color. If you saturate the color by 10%, you get **55, 30.139, 201.783**, and if you desaturate by 10%, it is **57, 25.551, 201.511**.

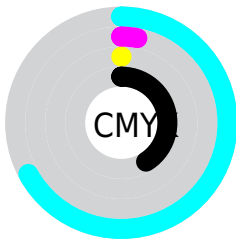
Distribution







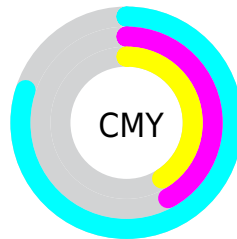
-  Red (20%)
-  Green (58%)
-  Blue (59%)






-  Red (20%)
-  Yellow (39%)
-  Blue (59%)



-  Cyan (67%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (41%)





-  Cyan (80%)
-  Magenta (42%)
-  Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 28.196, 201.585 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, 28.196, 201.585 by changing the saturation by 10% instead.


 56, 28.196,
201.585


 56, 28.196,
201.585


 100, 28.196,
201.585


 46, 28.196,
201.585


 76, 28.196,
201.585

 36, 28.196,
201.585

 86, 28.196,
201.585

 26, 28.196,
201.585

 96, 28.196,
201.585

 16, 28.196,
201.585

 6, 28.196, 201.585

 0, 28.196, 201.585

■ 56, 28.196,
201.585

■ 56, 28.196,
201.585

■ 55, 30.139,
201.783

■ 57, 25.551,
201.511

■ 55, 31.388,
202.119

■ 57, 22.237,
201.554

■ 55, 32.030,
202.588

■ 58, 18.311,
201.699

■ 55, 32.201,
202.752

■ 59, 13.851,
201.936

■ 60, 8.943, 202.257

■ 62, 3.672, 202.694

■ 63, 1.880, 22.743

■ 65, 7.640, 23.376

■ 66, 13.547, 23.881

Harmonies

Complementary

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



56, 28.196, 201.585



37, 47.019, 30.897

Rectangle

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



56, 28.196, 201.585



56, 28.196, 251.585



56, 28.196, 21.585



56, 28.196, 71.585

Sweetspot

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



56, 28.196, 201.584



76, 13.120, 202.127



55, 64.273, 139.415



40, 8.946, 202.045



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



56, 28.196, 201.584



70, 37.386, 201.931



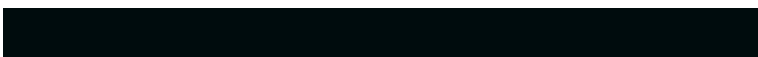
41, 34.228, 273.260



32, 3.123, 202.561



51, 30.470, 202.707



3, 3.440, 203.317

Inverse Universe

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



40, 62.903, 328.885



48, 86.228, 329.394



48, 39.446, 70.307



30, 5.782, 325.995



33, 71.854, 329.834



1, 6.194, 325.655

Previews

White Background



This preview shows how the CIELCh color 56, 28.196, 201.585 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, 28.196, 201.585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

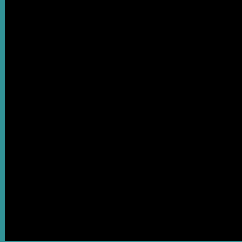
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 28.196, 201.585

Background



This preview shows how black text looks on a background with the CIELCh color 56, 28.196, 201.585.

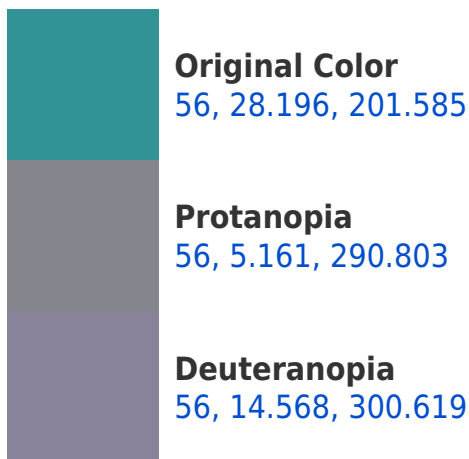


This preview shows how white text looks on a background with the CIELCh color 56, 28.196, 201.585.

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
56, 27.033, 212.012

Trichromacy



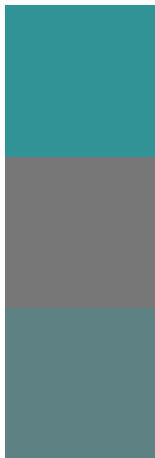
Original Color
56, 28.196, 201.585

Protanomaly
55, 12.985, 216.438

Deuteranomaly
55, 14.631, 243.930

Tritanomaly
56, 27.195, 209.355

Monochromacy



Original Color
56, 28.196, 201.585

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 12.798, 203.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 28.196, 201.585 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(50, 147, 151)` looks like.

```
.text, #text, p{  
    color:rgb(50, 147, 151)  
}
```

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(50, 147, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 147, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 28.196, 201.585 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(50, 147, 151) }
```

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

```
.border{ border-color:rgb(50, 147, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 147, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 147, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 147, 151);  
box-shadow:4px 4px 4px 4px rgb(50, 147,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 28.196, 201.585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 147, 151) }
```

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

```
.background{ background-color: rgb(50, 147,  
151) }
```

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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