

Converting Colors

CIELCh(56, 32.679, 173.050)

Have a look what the booklet for
CIELCh(56, 32.679, 173.050)
contains.

CIELCh(56, 32.808, 172.635)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(56, 32.808, 172.635)

Conversions

Conversions Part 1

Format	Color
Hex	3B957E
RGB	59, 149, 126
RGB Percent	23%, 58%, 49%
CMY	0.7688, 0.4159, 0.5061
CMYK	0.60, 0.00, 0.15, 0.42
HSL	165°, 43%, 41%
HSV	165°, 60%, 58%
XYZ	16.3027, 23.9124, 23.4789
YIQ	119.4680, -46.2570, -26.2330

Conversions

Conversions Part 2

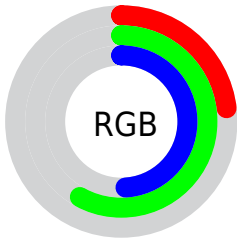
Format	Color
R _Y B	59, 111, 149
Decimal	3904894
CIE Lab	56.00, -32.54, 4.21
CIE LCh	56, 32.808, 172.635
Yxy	23.9124, 0.2560, 0.3754
Android (android.graphics.Color)	4282094974 (0xFF3B957E)
YUV	119.4680, 3.2203, -53.0304
Hunter-Lab	48.9003, -26.0660, 5.7628

Details

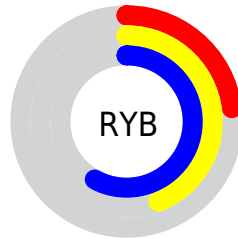
The CIELCh color **56, 32.808, 172.635** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **38, 40.416, 8.132**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 32.915, 172.766**, and **36, 30.386, 171.476** is the 20% darker color. If you saturate the color by 10%, you get **56, 36.649, 171.180**, and if you desaturate by 10%, it is **57, 28.372, 173.947**.

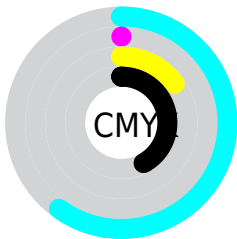
Distribution



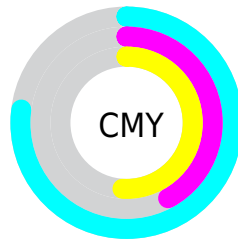
- Red (23%)
- Green (58%)
- Blue (49%)



- Red (23%)
- Yellow (44%)
- Blue (58%)



- Cyan (60%)
- Magenta (0%)
- Yellow (15%)
- Black (42%)





- Cyan (77%)
- Magenta (42%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 32.808, 172.635 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, 32.808, 172.635 by changing the saturation by 10% instead.


 56, 32.808,
172.635


 56, 32.808,
172.635


 100, 32.808,
172.635


 46, 32.808,
172.635


 76, 32.808,
172.635

 36, 32.808,
172.635

 86, 32.808,
172.635

 26, 32.808,
172.635

 96, 32.808,
172.635

 16, 32.808,
172.635

 6, 32.808, 172.635

 0, 32.808, 172.635

■ 56, 32.808,
172.635

■ 56, 32.808,
172.635

■ 56, 36.649,
171.180

■ 57, 28.372,
173.947

■ 55, 39.850,
169.564

■ 57, 23.415,
175.143

■ 55, 42.416,
167.770

■ 58, 18.029,
176.242

■ 55, 44.461,
165.965

■ 59, 12.313,
177.267

■ 60, 6.360, 178.245

■ 62, 0.259, 180.609

■ 63, 5.920, 359.858

■ 64, 12.115, 0.700

■ 66, 18.279, 1.486

Harmonies

Complementary

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



56, 32.808, 172.635



38, 40.416, 8.132

Rectangle

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



56, 32.808, 172.635



56, 32.808, 222.635



56, 32.808, 352.635



56, 32.808, 42.635

Sweetspot

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



56, 32.808, 172.634



76, 13.486, 177.471



56, 55.614, 133.641



39, 9.309, 177.207



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



56, 32.808, 172.634



71, 46.188, 170.545



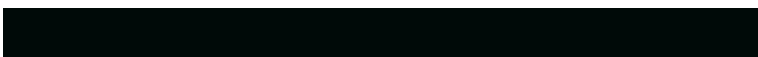
50, 23.451, 229.570



31, 3.430, 178.366



51, 41.893, 166.122



2, 3.030, 179.126

Inverse Universe

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



38, 40.416, 8.132



45, 59.161, 12.432



42, 36.670, 43.119



29, 3.534, 359.899



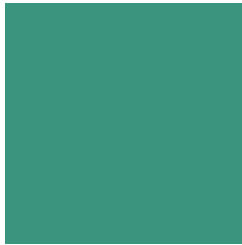
28, 56.225, 23.502



1, 3.030, 359.112

Previews

White Background



This preview shows how the CIELCh color 56, 32.808, 172.635 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, 32.808, 172.635 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, 32.808, 172.635

Background



This preview shows how black text looks on a background with the CIELCh color 56, 32.808, 172.635.



This preview shows how white text looks on a background with the CIELCh color 56, 32.808, 172.635.

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, 32.808, 172.635

Protanopia

56, 8.903, 92.948

Deuteranopia

56, 7.297, 15.663



Tritanopia
56, 23.778, 212.903

Trichromacy



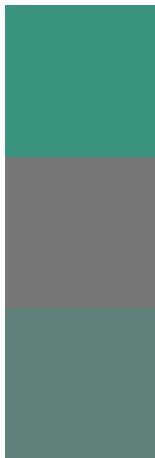
Original Color
56, 32.808, 172.635

Protanomaly
55, 15.448, 156.071

Deuteranomaly
55, 9.123, 172.334

Tritanomaly
56, 25.455, 195.746

Monochromacy



Original Color
56, 32.808, 172.635

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 13.480, 177.772

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 32.808, 172.635 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(59, 149, 126)` looks like.

```
.text, #text, p{  
    color:rgb(59, 149, 126)  
}
```

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(59, 149, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 149, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 32.808, 172.635 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(59, 149, 126) }
```

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

```
.border{ border-color:rgb(59, 149, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 149, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 149, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 149, 126);  
box-shadow:4px 4px 4px 4px rgb(59, 149,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 32.808, 172.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 149, 126) }
```

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

```
.background{ background-color: rgb(59, 149,  
126) }
```

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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