

Converting Colors

CIELCh(56, 32.521, 104.459)

Have a look what the booklet for
CIELCh(56, 32.521, 104.459)
contains.

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Color

CIELCh(56, 32.350, 104.670)

Conversions

Conversions Part 1

Format	Color
Hex	8B894F
RGB	139, 137, 79
RGB Percent	55%, 54%, 31%
CMY	0.4552, 0.4631, 0.6905
CMYK	0.00, 0.01, 0.43, 0.46
HSL	58°, 28%, 43%
HSV	58°, 43%, 54%
XYZ	20.9752, 23.9124, 10.8921
YIQ	130.9860, 19.8100, -17.6140

Conversions

Conversions Part 2

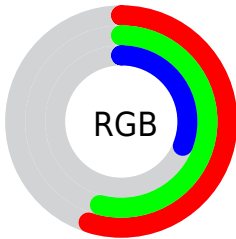
Format	Color
R_{YB}	81, 139, 79
Decimal	9144655
CIE Lab	56.00, -8.19, 31.30
CIE LCh	56, 32.350, 104.670
Yxy	23.9124, 0.3760, 0.4287
Android (android.graphics.Color)	4287334735 (0xFF8B894F)
YUV	130.9860, -25.6291, 7.0283
Hunter-Lab	48.9003, -9.0103, 21.0239

Details

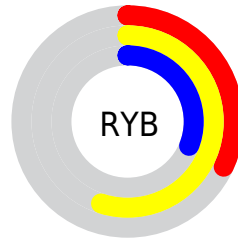
The CIELCh color **56, 32.350, 104.670** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **37, 35.852, 294.649**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 32.349, 104.183**, and **36, 32.248, 104.780** is the 20% darker color. If you saturate the color by 10%, you get **56, 39.305, 103.762**, and if you desaturate by 10%, it is **56, 25.073, 105.623**.

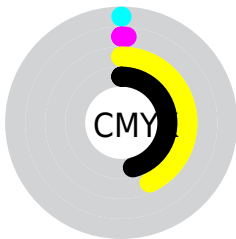
Distribution



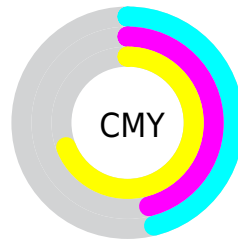
- Red (55%)
- Green (54%)
- Blue (31%)



- Red (32%)
- Yellow (55%)
- Blue (31%)



- Cyan (0%)
- Magenta (1%)
- Yellow (43%)
- Black (46%)





- Cyan (46%)
- Magenta (46%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 32.350, 104.670 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, 32.350, 104.670 by changing the saturation by 10% instead.


 56, 32.350,
104.670


 56, 32.350,
104.670


 100, 32.350,
104.670


 46, 32.350,
104.670


 76, 32.350,
104.670

 36, 32.350,
104.670

 86, 32.350,
104.670

 26, 32.350,
104.670

 96, 32.350,
104.670

 16, 32.350,
104.670

 6, 32.350, 104.670

 0, 32.350, 104.670

■ 56, 32.350,
104.670

■ 56, 32.350,
104.670

■ 56, 39.305,
103.762

■ 56, 25.073,
105.623

■ 55, 45.733,
102.914

■ 57, 17.607,
106.590

■ 55, 51.344,
102.161

■ 57, 10.038,
107.558

■ 55, 55.779,
101.531

■ 58, 2.422, 108.498

■ 55, 58.699,
101.050

■ 58, 5.204, 289.472

■ 55, 60.221,
100.768

■ 59, 12.819,
290.376

■ 59, 20.405,
291.251

■ 60, 27.952,
292.088

■ 61, 35.452,
292.887

Harmonies

Complementary

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



56, 32.350, 104.670



37, 35.852, 294.649

Rectangle

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



56, 32.350, 104.670



56, 32.350, 154.670



56, 32.350, 284.670



56, 32.350, 334.670

Sweetspot

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



56, 32.351, 104.673



73, 12.286, 107.548



41, 27.232, 21.152



38, 8.662, 107.356



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



56, 32.351, 104.673



71, 47.711, 103.766



54, 35.621, 125.904



29, 4.266, 107.944



52, 58.230, 100.778



1, 1.988, 108.822

Inverse Universe

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



37, 35.852, 294.649



42, 54.673, 296.591



39, 38.038, 310.111



26, 4.351, 289.760



14, 80.589, 305.693



0, 1.988, 288.824

Previews

White Background



This preview shows how the CIE LCh color 56, 32.350, 104.670 looks on a white background.

Color Contrast Check

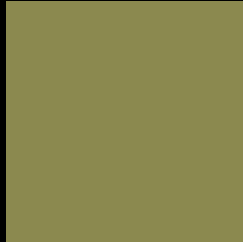
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.350, 104.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

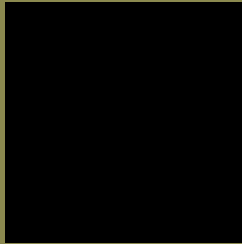
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 32.350, 104.670

Background



This preview shows how black text looks on a background with the CIELCh color 56, 32.350, 104.670.



This preview shows how white text looks on a background with the CIELCh color 56, 32.350, 104.670.

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, 32.350, 104.670

Protanopia

56, 31.970, 95.726

Deuteranopia

56, 31.437, 76.313



Tritanopia
56, 8.528, 338.241

Trichromacy



Original Color
56, 32.350, 104.670

Protanomaly
56, 32.154, 99.028

Deuteranomaly
56, 30.769, 86.759

Tritanomaly
56, 9.508, 83.224

Monochromacy



Original Color
56, 32.350, 104.670

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 11.983, 106.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 32.350, 104.670 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(139, 137, 79)` looks like.

```
.text, #text, p{  
    color:rgb(139, 137, 79)  
}
```

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(139, 137, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 137, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 32.350, 104.670 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(139, 137, 79) }
```

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

```
.border{ border-color:rgb(139, 137, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 137, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 137, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 137, 79);  
box-shadow:4px 4px 4px 4px rgb(139, 137,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 32.350, 104.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 137, 79) }
```

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

```
.background{ background-color: rgb(139,  
137, 79) }
```

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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