

Converting Colors

CIELCh(56, 30.905, 100.541)

Have a look what the booklet for
CIELCh(56, 30.905, 100.541)
contains.

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Color

CIELCh(56, 30.944, 100.617)

Conversions

Conversions Part 1

Format	Color
Hex	8F8851
RGB	143, 136, 81
RGB Percent	56%, 53%, 32%
CMY	0.4406, 0.4680, 0.6836
CMYK	0.00, 0.05, 0.43, 0.44
HSL	53°, 28%, 44%
HSV	53°, 43%, 56%
XYZ	21.4983, 23.9124, 11.2052
YIQ	131.8230, 21.8270, -15.6210

Conversions

Conversions Part 2

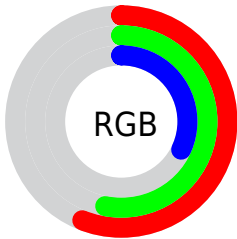
Format	Color
R_{YB}	89, 143, 81
Decimal	9406545
CIE _{Lab}	56.00, -5.70, 30.41
CIE _{LCh}	56, 30.944, 100.617
Yxy	23.9124, 0.3797, 0.4224
Android (android.graphics.Color)	4287596625 (0xFF8F8851)
YUV	131.8230, -25.0557, 9.8022
Hunter-Lab	48.9003, -7.1006, 20.6444

Details

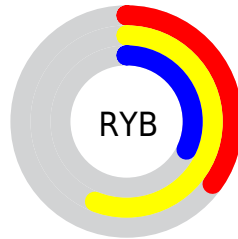
The CIELCh color **56, 30.944, 100.617** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **39, 33.653, 291.393**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 31.011, 100.369**, and **36, 30.859, 100.343** is the 20% darker color. If you saturate the color by 10%, you get **55, 37.685, 99.569**, and if you desaturate by 10%, it is **57, 23.951, 101.685**.

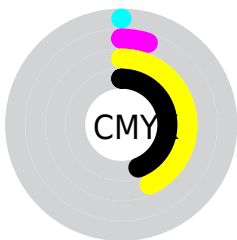
Distribution



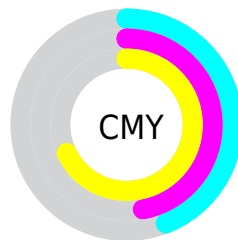
- Red (56%)
- Green (53%)
- Blue (32%)



- Red (35%)
- Yellow (56%)
- Blue (32%)



- Cyan (0%)
- Magenta (5%)
- Yellow (43%)
- Black (44%)





- Cyan (44%)
- Magenta (47%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 30.944, 100.617 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, 30.944, 100.617 by changing the saturation by 10% instead.


 56, 30.944,
100.617


 56, 30.944,
100.617


 100, 30.944,
100.617


 46, 30.944,
100.617


 76, 30.944,
100.617

 36, 30.944,
100.617

 86, 30.944,
100.617

 26, 30.944,
100.617

 96, 30.944,
100.617

 16, 30.944,
100.617

 6, 30.944, 100.617

 0, 30.944, 100.617

■ 56, 30.944,
100.617

■ 56, 30.944,
100.617

■ 55, 37.685, 99.569

■ 57, 23.951,
101.685

■ 55, 43.975, 98.545

■ 57, 16.827,
102.747

■ 54, 49.522, 97.563

■ 54, 53.930, 96.636

■ 58, 9.649, 103.795

■ 53, 56.791, 95.760

■ 59, 2.461, 104.798

■ 53, 58.222, 95.207

■ 60, 4.708, 285.853

■ 61, 11.841,
286.808

■ 62, 18.928,
287.732

■ 63, 25.964,
288.616

■ 64, 32.944,
289.457

Harmonies

Complementary

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



56, 30.944, 100.617



39, 33.653, 291.393

Rectangle

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



56, 30.944, 100.617



56, 30.944, 150.617



56, 30.944, 280.617



56, 30.944, 330.617

Sweetspot

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



56, 30.945, 100.620



74, 11.597, 103.812



42, 27.698, 14.938



39, 8.180, 103.602



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



56, 30.945, 100.620



71, 45.582, 99.603



56, 35.879, 122.729



30, 4.054, 104.232



50, 56.000, 95.248



2, 2.744, 105.179

Inverse Universe

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



39, 33.653, 291.393



45, 50.983, 293.401



39, 38.811, 307.494



28, 4.120, 286.185



16, 77.614, 304.239



0, 2.745, 285.182

Previews

White Background



This preview shows how the CIELCh color 56, 30.944, 100.617 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, 30.944, 100.617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

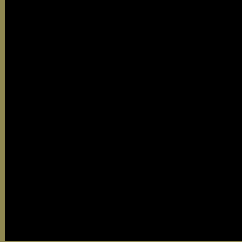
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 30.944, 100.617

Background



This preview shows how black text looks on a background with the CIELCh color 56, 30.944, 100.617.



This preview shows how white text looks on a background with the CIELCh color 56, 30.944, 100.617.

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, 30.944, 100.617

Protanopia

56, 30.911, 95.526

Deuteranopia

56, 30.693, 76.616



Tritanopia
56, 9.772, 344.730

Trichromacy



Original Color
56, 30.944, 100.617

Protanomaly
56, 31.159, 98.112

Deuteranomaly
56, 29.908, 85.432

Tritanomaly
56, 10.006, 67.402

Monochromacy



Original Color
56, 30.944, 100.617

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 11.435, 104.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 30.944, 100.617 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(143, 136, 81)` looks like.

```
.text, #text, p{  
    color:rgb(143, 136, 81)  
}
```

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(143, 136, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 136, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 30.944, 100.617 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(143, 136, 81) }
```

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

```
.border{ border-color:rgb(143, 136, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 136, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 136, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 136, 81);  
box-shadow:4px 4px 4px 4px rgb(143, 136,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 30.944, 100.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 136, 81) }
```

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

```
.background{ background-color: rgb(143,  
136, 81) }
```

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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