

Converting Colors

CIELCh(56, 39.847, 104.063)

Have a look what the booklet for
CIELCh(56, 39.847, 104.063)
contains.

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Color

CIELCh(56, 39.569, 104.055)

Conversions

Conversions Part 1

Format	Color
Hex	8B8941
RGB	139, 137, 65
RGB Percent	55%, 54%, 25%
CMY	0.4533, 0.4612, 0.7436
CMYK	0.00, 0.01, 0.53, 0.45
HSL	58°, 36%, 40%
HSV	58°, 53%, 55%
XYZ	20.6815, 23.9124, 8.5827
YIQ	129.3900, 24.3040, -21.9680

Conversions

Conversions Part 2

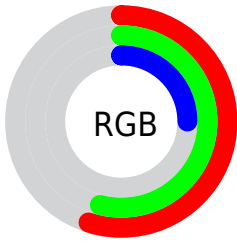
Format	Color
RYB	67, 139, 65
Decimal	9144641
CIELab	56.00, -9.61, 38.38
CIELCh	56, 39.569, 104.055
Yxy	23.9124, 0.3889, 0.4497
Android (android.graphics.Color)	4287334721 (0xFF8B8941)
YUV	129.3900, -31.7443, 8.4280
Hunter-Lab	48.9003, -10.0823, 23.8240

Details

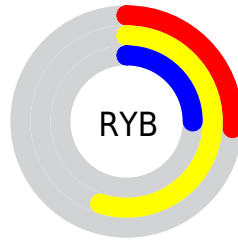
The CIELCh color **56, 39.569, 104.055** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **32, 45.415, 296.812**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 39.490, 103.980**, and **36, 39.269, 103.639** is the 20% darker color. If you saturate the color by 10%, you get **56, 46.041, 103.222**, and if you desaturate by 10%, it is **56, 32.565, 104.959**.

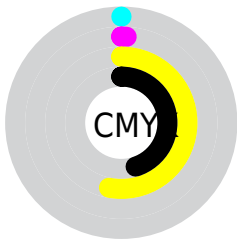
Distribution



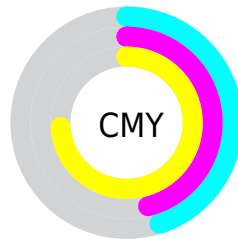
- Red (55%)
- Green (54%)
- Blue (25%)



- Red (26%)
- Yellow (55%)
- Blue (25%)



- Cyan (0%)
- Magenta (1%)
- Yellow (53%)
- Black (45%)





- Cyan (45%)
- Magenta (46%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 39.569, 104.055 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, 39.569, 104.055 by changing the saturation by 10% instead.


 56, 39.569,
104.055


 56, 39.569,
104.055


 100, 39.569,
104.055


 46, 39.569,
104.055


 76, 39.569,
104.055

 36, 39.569,
104.055

 86, 39.569,
104.055

 26, 39.569,
104.055

 96, 39.569,
104.055

 16, 39.569,
104.055

 6, 39.569, 104.055

 0, 39.569, 104.055

■ 56, 39.569,
104.055

■ 56, 39.569,
104.055

■ 56, 46.041,
103.222

■ 56, 32.565,
104.959

■ 56, 51.687,
102.484

■ 57, 25.230,
105.901

■ 55, 56.150,
101.876

■ 57, 17.702,
106.862

■ 55, 59.095,
101.421

■ 57, 10.068,
107.824

■ 55, 60.636,
101.157

■ 58, 2.384, 108.761

■ 58, 5.312, 289.730

■ 59, 12.998,
290.630

■ 60, 20.657,
291.502

■ 60, 28.277,
292.336

Harmonies

Complementary

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



56, 39.569, 104.055



32, 45.415, 296.812

Rectangle

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



56, 39.569, 104.055



56, 39.569, 154.055



56, 39.569, 284.055



56, 39.569, 334.055

Sweetspot

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



56, 39.570, 104.058



73, 15.203, 107.514



37, 34.463, 23.060



38, 10.341, 107.341



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, 39.570, 104.058



71, 57.446, 103.045



54, 43.433, 125.500



29, 4.292, 108.202



53, 58.480, 101.165



1, 2.000, 109.076

Inverse Universe

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



32, 45.415, 296.812



35, 69.224, 299.465



35, 47.202, 310.668



26, 4.378, 290.009



14, 80.903, 305.801



0, 2.001, 289.077

Previews

White Background



This preview shows how the CIELCh color 56, 39.569, 104.055 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, 39.569, 104.055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

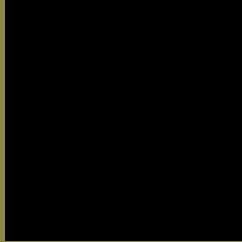
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 39.569, 104.055

Background



This preview shows how black text looks on a background with the CIELCh color 56, 39.569, 104.055.



This preview shows how white text looks on a background with the CIELCh color 56, 39.569, 104.055.

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, 39.569, 104.055

Protanopia

56, 39.344, 95.292

Deuteranopia

56, 38.263, 79.222



Tritanopia
56, 9.141, 341.694

Trichromacy



Original Color
56, 39.569, 104.055

Protanomaly
56, 39.490, 98.025

Deuteranomaly
56, 37.722, 87.867

Tritanomaly
56, 12.498, 84.859

Monochromacy



Original Color
56, 39.569, 104.055

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 15.379, 108.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 39.569, 104.055 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, 65)` looks like.

```
.text, #text, p{  
    color:rgb(139, 137, 65)  
}
```

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, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 137, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 39.569, 104.055 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, 65) }
```

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

```
.border{ border-color:rgb(139, 137, 65) }
```

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, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 137, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 137, 65);  
box-shadow:4px 4px 4px 4px rgb(139, 137,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 39.569, 104.055 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, 65) }
```

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

```
.background{ background-color: rgb(139,  
137, 65) }
```

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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