

Converting Colors

CIELCh(56, 59.971, 107.045)

Have a look what the booklet for
CIELCh(56, 59.971, 107.045)
contains.

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Color

CIELCh(56, 60.038, 107.123)

Conversions

Conversions Part 1

Format	Color
Hex	848D0F
RGB	132, 141, 15
RGB Percent	52%, 55%, 6%
CMY	0.4832, 0.4478, 0.9425
CMYK	0.06, 0.00, 0.90, 0.45
HSL	64°, 81%, 30%
HSV	64°, 90%, 55%
XYZ	19.0614, 23.9124, 4.0499
YIQ	123.9450, 35.0820, -41.0940

Conversions

Conversions Part 2

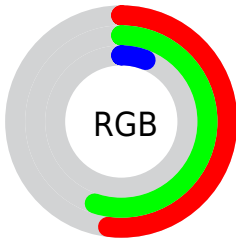
Format	Color
RYB	15, 141, 24
Decimal	8686863
CIELab	56.00, -17.68, 57.38
CIELCh	56, 60.038, 107.123
Yxy	23.9124, 0.4054, 0.5085
Android (android.graphics.Color)	4286876943 (0xFF848D0F)
YUV	123.9450, -53.7099, 7.0642
Hunter-Lab	48.9003, -15.9960, 29.3199

Details

The CIELCh color **56, 60.038, 107.123** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **18, 79.808, 305.502**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 59.980, 107.026**, and **36, 46.223, 110.919** is the 20% darker color. If you saturate the color by 10%, you get **56, 62.420, 107.152**, and if you desaturate by 10%, it is **56, 56.433, 107.291**.

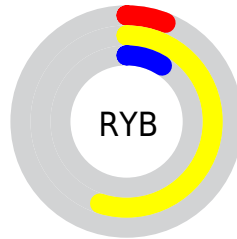
Distribution



Red (52%)

Green (55%)

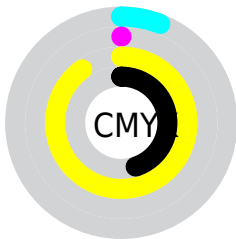
Blue (6%)



Red (6%)

Yellow (55%)

Blue (9%)

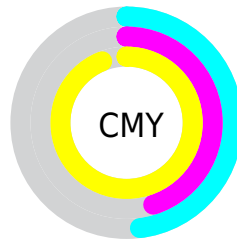


Cyan (6%)

Magenta (0%)

Yellow (90%)

Black (45%)



Cyan (48%)


Magenta (45%)


Yellow (94%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 60.038, 107.123 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, 60.038, 107.123 by changing the saturation by 10% instead.


 56, 60.038,
107.123


 56, 60.038,
107.123


 100, 60.038,
107.123


 46, 60.038,
107.123


 76, 60.038,
107.123

 36, 60.038,
107.123

 86, 60.038,
107.123

 26, 60.038,
107.123

 96, 60.038,
107.123

 16, 60.038,
107.123

 6, 60.038, 107.123

 0, 60.038, 107.123

■ 56, 60.038,
107.123

■ 56, 60.038,
107.123

■ 56, 62.420,
107.152

■ 56, 56.433,
107.291

■ 56, 62.517,
107.152

■ 56, 51.398,
107.685

■ 57, 45.280,
108.255

■ 57, 38.416,
108.947

■ 57, 31.067,
109.717

■ 57, 23.415,
110.531

■ 58, 15.581,
111.365

■ 58, 7.647, 112.197

Harmonies

Complementary

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



56, 60.038, 107.123



18, 79.808, 305.502

Rectangle

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



56, 60.038, 107.123



56, 60.038, 157.123



56, 60.038, 287.123



56, 60.038, 337.123

Sweetspot

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



56, 60.038, 107.125



73, 26.566, 110.698



30, 59.969, 37.977



38, 17.804, 110.454



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, 60.038, 107.125



71, 76.007, 107.244



52, 67.739, 129.011



30, 4.554, 112.230



54, 60.682, 107.136



2, 3.090, 112.988

Inverse Universe

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



18, 79.808, 305.502



22, 104.186, 306.504



24, 74.632, 314.172



27, 4.651, 293.797



14, 83.074, 306.594



0, 3.091, 292.989

Previews

White Background



This preview shows how the CIE LCh color 56, 60.038, 107.123 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, 60.038, 107.123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

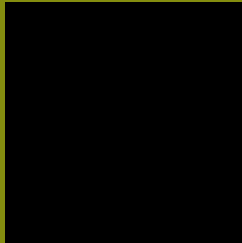
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 60.038, 107.123

Background



This preview shows how black text looks on a background with the CIELCh color 56, 60.038, 107.123.



This preview shows how white text looks on a background with the CIELCh color 56, 60.038, 107.123.

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, 60.038, 107.123

Protanopia

56, 58.638, 95.158

Deuteranopia

56, 56.231, 82.580



Tritanopia
56, 7.191, 327.398

Trichromacy



Original Color
56, 60.038, 107.123

Protanomaly
56, 58.649, 99.404

Deuteranomaly
56, 56.226, 92.124

Tritanomaly
56, 22.648, 104.113

Monochromacy



Original Color
56, 60.038, 107.123

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 26.112, 109.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 60.038, 107.123 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(132, 141, 15)` looks like.

```
.text, #text, p{  
    color:rgb(132, 141, 15)  
}
```

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(132, 141, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 141, 15) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 60.038, 107.123 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(132, 141, 15) }
```

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

```
.border{ border-color:rgb(132, 141, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 141, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 141, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 141, 15);  
box-shadow:4px 4px 4px 4px rgb(132, 141,  
15) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 60.038, 107.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 141, 15) }
```

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

```
.background{ background-color: rgb(132,  
141, 15) }
```

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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