

Converting Colors

CIELCh(56, 51.213, 113.386)

Have a look what the booklet for
CIELCh(56, 51.213, 113.386)
contains.

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Color

CIELCh(56, 51.213, 113.386)

Conversions

Conversions Part 1

Format	Color
Hex	7C8E2E
RGB	124, 142, 46
RGB Percent	49%, 56%, 18%
CMY	0.5128, 0.4423, 0.8187
CMYK	0.13, 0.00, 0.67, 0.44
HSL	71°, 51%, 37%
HSV	71°, 67%, 56%
XYZ	18.5481, 23.9124, 6.2456
YIQ	125.6740, 20.0880, -33.6720

Conversions

Conversions Part 2

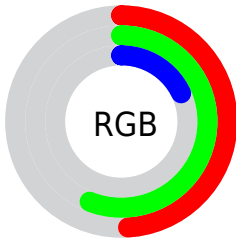
Format	Color
RYB	46, 142, 64
Decimal	8162862
CIELab	56.00, -20.33, 47.01
CIELCh	56, 51.213, 113.386
Yxy	23.9124, 0.3808, 0.4910
Android (android.graphics.Color)	4286352942 (0xFF7C8E2E)
YUV	125.6740, -39.2793, -1.4681
Hunter-Lab	48.9003, -17.8697, 26.6577

Details

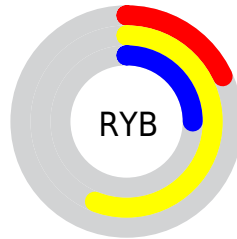
The CIELCh color **56, 51.213, 113.386** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **27, 61.369, 304.428**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 51.502, 113.388**, and **36, 47.252, 114.867** is the 20% darker color. If you saturate the color by 10%, you get **56, 56.684, 113.190**, and if you desaturate by 10%, it is **56, 44.746, 113.797**.

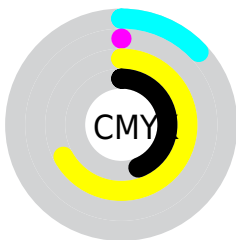
Distribution



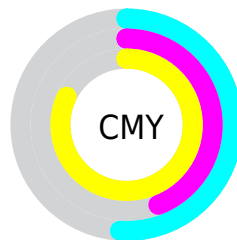
- Red (49%)
- Green (56%)
- Blue (18%)



- Red (18%)
- Yellow (56%)
- Blue (25%)



- Cyan (13%)
- Magenta (0%)
- Yellow (67%)
- Black (44%)





- Cyan (51%)
- Magenta (44%)
- Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 51.213, 113.386 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, 51.213, 113.386 by changing the saturation by 10% instead.


 56, 51.213,
113.386


 56, 51.213,
113.386


 100, 51.213,
113.386


 46, 51.213,
113.386


 76, 51.213,
113.386


 36, 51.213,
113.386

 86, 51.213,
113.386

 26, 51.213,
113.386

 96, 51.213,
113.386

 16, 51.213,
113.386

 6, 51.213, 113.386

 0, 51.213, 113.386

■ 56, 51.213,
113.386

■ 56, 51.213,
113.386

■ 56, 56.684,
113.190

■ 56, 44.746,
113.797

■ 55, 60.805,
113.287

■ 57, 37.603,
114.343

■ 55, 63.513,
113.694

■ 57, 30.024,
114.972

■ 55, 64.151,
113.798

■ 58, 22.176,
115.643

■ 58, 14.170,
116.329

■ 59, 6.081, 117.011

■ 59, 2.039, 297.672

■ 60, 10.157,
298.313

■ 61, 18.246,
298.922

Harmonies

Complementary

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



56, 51.213, 113.386



27, 61.369, 304.428

Rectangle

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



56, 51.213, 113.386



56, 51.213, 163.386



56, 51.213, 293.386



56, 51.213, 343.386

Sweetspot

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



56, 51.214, 113.388



74, 20.153, 116.127



37, 41.500, 39.771



39, 13.844, 115.954



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, 51.214, 113.388



71, 71.979, 113.199



53, 58.039, 132.033



30, 4.594, 116.897



53, 61.805, 113.750



2, 3.115, 117.509

Inverse Universe

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



27, 61.369, 304.428



29, 91.103, 306.155



33, 60.833, 317.698



28, 4.686, 298.157



15, 82.150, 307.327



0, 3.116, 297.509

Previews

White Background



This preview shows how the CIELCh color 56, 51.213, 113.386 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, 51.213, 113.386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

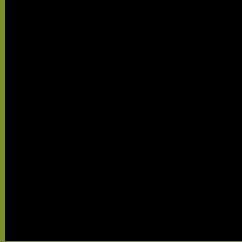
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 51.213, 113.386

Background



This preview shows how black text looks on a background with the CIELCh color 56, 51.213, 113.386.



This preview shows how white text looks on a background with the CIELCh color 56, 51.213, 113.386.

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, 51.213, 113.386

Protanopia
56, 48.655, 95.390

Deuteranopia
56, 46.401, 80.777



Tritanopia
56, 5.752, 294.682

Trichromacy



Original Color
56, 51.213, 113.386

Protanomaly
56, 48.862, 102.084

Deuteranomaly
56, 46.263, 94.052

Tritanomaly
56, 16.107, 117.219

Monochromacy



Original Color
56, 51.213, 113.386

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 20.157, 116.244

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 51.213, 113.386 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(124, 142, 46)` looks like.

```
.text, #text, p{  
    color:rgb(124, 142, 46)  
}
```

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(124, 142, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 142, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 51.213, 113.386 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(124, 142, 46) }
```

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

```
.border{ border-color:rgb(124, 142, 46) }
```

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

Here you see how a box with a 4 pixel rgb(124, 142, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 142, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 142, 46);  
box-shadow:4px 4px 4px 4px rgb(124, 142,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 51.213, 113.386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 142, 46) }
```

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

```
.background{ background-color: rgb(124,  
142, 46) }
```

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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