

Converting Colors

CIELCh(56, 12.561, 11.328)

Have a look what the booklet for
CIELCh(56, 12.561, 11.328) contains.

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Color

CIELCh(56, 12.343, 12.826)

Conversions

Conversions Part 1

Format	Color
Hex	9D7F82
RGB	157, 127, 130
RGB Percent	62%, 50%, 51%
CMY	0.3848, 0.5024, 0.4907
CMYK	0.00, 0.19, 0.17, 0.38
HSL	354°, 13%, 56%
HSV	354°, 19%, 62%
XYZ	25.4760, 23.9124, 24.3503
YIQ	136.3120, 16.9170, 7.2930

Conversions

Conversions Part 2

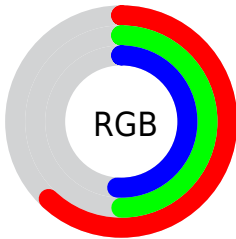
Format	Color
R_{YB}	157, 127, 130
Decimal	10321794
CIE _{Lab}	56.00, 12.04, 2.74
CIE _{LCh}	56, 12.343, 12.826
Yxy	23.9124, 0.3455, 0.3243
Android (android.graphics.Color)	4288511874 (0xFF9D7F82)
YUV	136.3120, -3.1118, 18.1434
Hunter-Lab	48.9003, 7.4192, 4.7064

Details

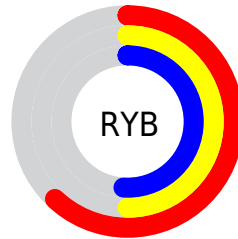
The CIELCh color $56, 12.343, 12.826$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $62, 11.180, 189.748$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 12.298, 12.931$, and $36, 12.161, 12.606$ is the 20% darker color. If you saturate the color by 10%, you get $52, 19.373, 14.035$, and if you desaturate by 10%, it is $61, 5.702, 11.820$.

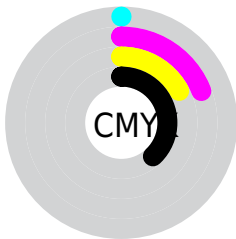
Distribution



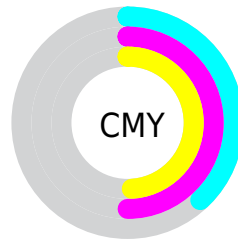
- Red (62%)
- Green (50%)
- Blue (51%)



- Red (62%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (19%)
- Yellow (17%)
- Black (38%)



- Cyan (38%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 12.343, 12.826 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, 12.343, 12.826 by changing the saturation by 10% instead.

■ 56, 12.343, 12.826

■ 56, 12.343, 12.826

■ 100, 12.343,
12.826

■ 46, 12.343, 12.826

■ 76, 12.343, 12.826

■ 36, 12.343, 12.826

■ 86, 12.343, 12.826

■ 26, 12.343, 12.826

■ 96, 12.343, 12.826

■ 16, 12.343, 12.826

■ 6, 12.343, 12.826

■ 0, 12.343, 12.826

■ 56, 12.343, 12.826

■ 56, 12.343, 12.826

■ 52, 19.373, 14.035

■ 61, 5.702, 11.820

■ 47, 26.738, 15.520

■ 65, 0.531, 191.936

44, 34.321, 17.388

70, 6.368, 190.485

40, 41.935, 19.755

74, 11.835,
189.873

37, 49.343, 22.745

79, 16.965,
189.360

35, 56.296, 26.432

33, 62.572, 30.724

84, 21.792,
188.915

32, 68.054, 34.957

89, 26.349,
188.524

32, 68.518, 35.260

93, 30.668,
188.175

94, 30.186,
197.559

Harmonies

Complementary

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



56, 12.343, 12.826



62, 11.180, 189.748

Rectangle

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



56, 12.343, 12.826



56, 12.343, 62.826



56, 12.343, 192.826



56, 12.343, 242.826

Sweetspot

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



56, 12.341, 12.833



79, 4.602, 11.523



57, 20.004, 322.614



41, 3.051, 11.583



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



56, 12.341, 12.833



69, 18.636, 13.324



59, 10.063, 61.970



31, 3.560, 11.833



29, 63.680, 34.866



1, 4.523, 11.571

Inverse Universe

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



56, 12.341, 12.833



69, 18.636, 13.324



59, 9.289, 246.220



31, 3.560, 11.833



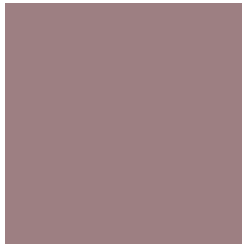
29, 63.680, 34.866



1, 4.523, 11.571

Previews

White Background



This preview shows how the CIELCh color 56, 12.343, 12.826 looks on a white background.

Color Contrast Check

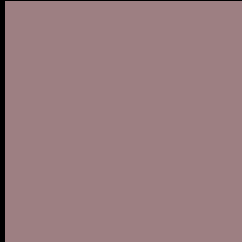
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 56, 12.343, 12.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

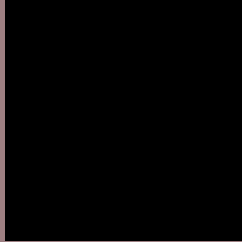
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 12.343, 12.826

Background



This preview shows how black text looks on a background with the CIELCh color 56, 12.343, 12.826.



This preview shows how white text looks on a background with the CIELCh color 56, 12.343, 12.826.

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, 12.343, 12.826

Protanopia

56, 1.185, 19.181

Deuteranopia

56, 7.739, 24.369



Tritanopia
56, 14.028, 357.094

Trichromacy



Original Color
56, 12.343, 12.826

Protanomaly
56, 5.325, 7.544

Deuteranomaly
56, 9.369, 20.363

Tritanomaly
56, 13.672, 1.534

Monochromacy



Original Color
56, 12.343, 12.826

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 4.425, 12.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 12.343, 12.826 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(157, 127, 130)` looks like.

```
.text, #text, p{  
    color:rgb(157, 127, 130)  
}
```

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(157, 127, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 127, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 12.343, 12.826 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(157, 127, 130) }
```

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

```
.border{ border-color:rgb(157, 127, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 127, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 127, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 127, 130);  
box-shadow:4px 4px 4px 4px rgb(157, 127,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 12.343, 12.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 127, 130) }
```

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

```
.background{ background-color: rgb(157,  
127, 130) }
```

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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