

Converting Colors

CIELCh(56, 22.131, 22.696)

Have a look what the booklet for
CIELCh(56, 22.131, 22.696) contains.

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Color

CIELCh(56, 21.984, 23.320)

Conversions

Conversions Part 1

Format	Color
Hex	AD7978
RGB	173, 121, 120
RGB Percent	68%, 47%, 47%
CMY	0.3216, 0.5255, 0.5294
CMYK	0.00, 0.30, 0.31, 0.32
HSL	1°, 24%, 57%
HSV	1°, 31%, 68%
XYZ	27.4582, 23.9124, 20.9356
YIQ	136.4340, 31.3130, 10.7130

Conversions

Conversions Part 2

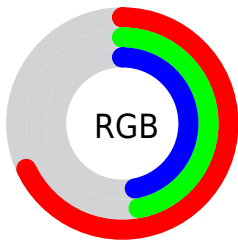
Format	Color
R_{YB}	173, 121, 120
Decimal	11368824
CIE _{Lab}	56.00, 20.19, 8.70
CIE _{LCh}	56, 21.984, 23.320
Yxy	23.9124, 0.3797, 0.3307
Android (android.graphics.Color)	4289558904 (0xFFAD7978)
YUV	136.4340, -8.1020, 32.0684
Hunter-Lab	48.9003, 14.6547, 8.8465

Details

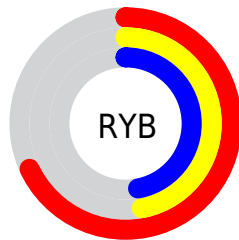
The CIELCh color **56, 21.984, 23.320** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **67, 17.837, 199.743**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 22.066, 24.019**, and **36, 21.813, 22.949** is the 20% darker color. If you saturate the color by 10%, you get **52, 30.225, 24.613**, and if you desaturate by 10%, it is **61, 14.251, 22.336**.

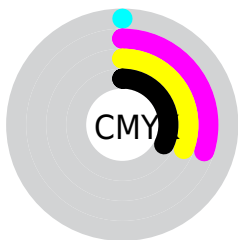
Distribution



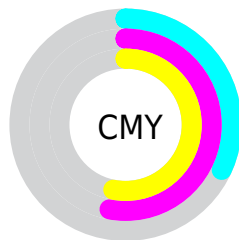
- Red (68%)
- Green (47%)
- Blue (47%)



- Red (68%)
- Yellow (47%)
- Blue (47%)



- Cyan (0%)
- Magenta (30%)
- Yellow (31%)
- Black (32%)



- Cyan (32%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 21.984, 23.320 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, 21.984, 23.320 by changing the saturation by 10% instead.

■ 56, 21.984, 23.320

■ 56, 21.984, 23.320

■ 100, 21.984,
23.320

■ 46, 21.984, 23.320

■ 76, 21.984, 23.320

■ 36, 21.984, 23.320

■ 86, 21.984, 23.320

■ 26, 21.984, 23.320

■ 96, 21.984, 23.320

■ 16, 21.984, 23.320

■ 6, 21.984, 23.320

■ 0, 21.984, 23.320

■ 56, 21.984, 23.320

■ 56, 21.984, 23.320

■ 52, 30.225, 24.613

■ 61, 14.251, 22.336

■ 47, 38.885, 26.295

■ 65, 7.062, 21.554

44, 47.792, 28.467

70, 0.407, 19.830

41, 56.686, 31.188

75, 5.749, 200.695

38, 65.180, 34.372

80, 11.450,
200.308

37, 72.541, 37.562

85, 16.747,
200.025

36, 77.832, 40.151

91, 21.686,
199.806

95, 25.939,
197.818

Harmonies

Complementary

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



56, 21.984, 23.320



67, 17.837, 199.743

Rectangle

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



56, 21.984, 23.320



56, 21.984, 73.320



56, 21.984, 203.320



56, 21.984, 253.320

Sweetspot

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



56, 21.982, 23.325



84, 7.341, 21.448



57, 35.288, 326.537



44, 5.123, 21.549



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



56, 21.982, 23.325



68, 33.654, 24.192



63, 18.837, 73.382



34, 3.746, 21.458



31, 69.722, 39.736



2, 7.681, 20.712

Inverse Universe

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



67, 17.837, 199.743



84, 25.853, 199.518



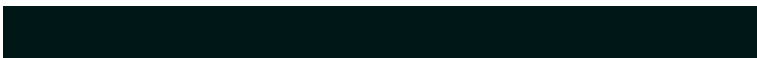
59, 17.479, 261.995



36, 3.535, 200.657



55, 32.931, 199.332



6, 7.585, 201.820

Previews

White Background



This preview shows how the CIELCh color 56, 21.984, 23.320 looks on a white background.

Color Contrast Check

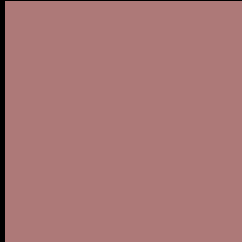
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.984, 23.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

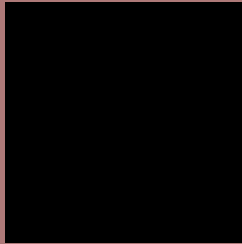
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 21.984, 23.320

Background



This preview shows how black text looks on a background with the CIELCh color 56, 21.984, 23.320.



This preview shows how white text looks on a background with the CIELCh color 56, 21.984, 23.320.

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, 21.984, 23.320

Protanopia

56, 4.459, 82.766

Deuteranopia

56, 11.891, 55.060



Tritanopia
56, 22.722, 9.209

Trichromacy



Original Color
56, 21.984, 23.320

Protanomaly
56, 9.530, 37.591

Deuteranomaly
56, 14.695, 38.674

Tritanomaly
56, 22.613, 13.469

Monochromacy



Original Color
56, 21.984, 23.320

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 7.315, 24.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 21.984, 23.320 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(173, 121, 120)` looks like.

```
.text, #text, p{  
    color:rgb(173, 121, 120)  
}
```

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(173, 121, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 121, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 21.984, 23.320 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(173, 121, 120) }
```

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

```
.border{ border-color:rgb(173, 121, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 121, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 121, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 121, 120);  
box-shadow:4px 4px 4px 4px rgb(173, 121,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 21.984, 23.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 121, 120) }
```

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

```
.background{ background-color: rgb(173,  
121, 120) }
```

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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