

Converting Colors

CIELCh(56, 22.084, 25.802)

Have a look what the booklet for
CIELCh(56, 22.084, 25.802) contains.

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Color

CIELCh(56, 22.192, 26.190)

Conversions

Conversions Part 1

Format	Color
Hex	AD7976
RGB	173, 121, 118
RGB Percent	68%, 47%, 46%
CMY	0.3211, 0.5250, 0.5368
CMYK	0.00, 0.30, 0.32, 0.32
HSL	3°, 25%, 57%
HSV	3°, 32%, 68%
XYZ	27.3899, 23.9124, 20.3472
YIQ	136.2060, 31.9550, 10.0910

Conversions

Conversions Part 2

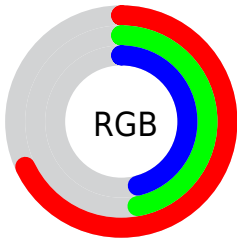
Format	Color
RYB	173, 121, 118
Decimal	11368822
CIELab	56.00, 19.91, 9.79
CIELCh	56, 22.192, 26.190
Yxy	23.9124, 0.3823, 0.3337
Android (android.graphics.Color)	4289558902 (0xFFAD7976)
YUV	136.2060, -8.9756, 32.2683
Hunter-Lab	48.9003, 14.4053, 9.5599

Details

The CIELCh color **56, 22.192, 26.190** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **66, 17.781, 203.373**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 22.252, 26.719**, and **36, 22.071, 26.059** is the 20% darker color. If you saturate the color by 10%, you get **52, 30.287, 27.327**, and if you desaturate by 10%, it is **61, 14.620, 25.341**.

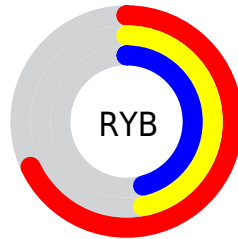
Distribution



Red (68%)

Green (47%)

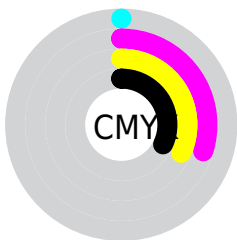
Blue (46%)



Red (68%)

Yellow (47%)

Blue (46%)

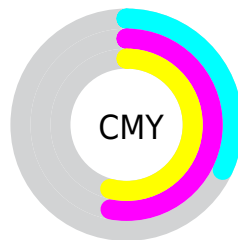


Cyan (0%)

Magenta (30%)

Yellow (32%)

Black (32%)



Cyan (32%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 22.192, 26.190 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, 22.192, 26.190 by changing the saturation by 10% instead.

■ 56, 22.192, 26.190

■ 56, 22.192, 26.190

■ 100, 22.192,
26.190

■ 46, 22.192, 26.190

■ 76, 22.192, 26.190

■ 36, 22.192, 26.190

■ 86, 22.192, 26.190

■ 26, 22.192, 26.190

■ 96, 22.192, 26.190

■ 16, 22.192, 26.190

■ 6, 22.192, 26.190

■ 0, 22.192, 26.190

■ 56, 22.192, 26.190

■ 56, 22.192, 26.190

■ 52, 30.287, 27.327

■ 61, 14.620, 25.341

■ 48, 38.837, 28.818

■ 65, 7.595, 24.684

44, 47.692, 30.747

70, 1.100, 23.835

41, 56.611, 33.148

75, 4.901, 204.053

39, 65.190, 35.912

80, 10.454,
203.754

37, 72.610, 38.565

84, 15.609,
203.563

36, 77.392, 40.578

89, 20.413,
203.434

94, 24.954,
201.392

95, 25.902,
197.820

Harmonies

Complementary

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



56, 22.192, 26.190



66, 17.781, 203.373

Rectangle

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



56, 22.192, 26.190



56, 22.192, 76.190



56, 22.192, 206.190



56, 22.192, 256.190

Sweetspot

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



56, 22.190, 26.195



83, 7.914, 24.590



57, 35.791, 327.558



43, 5.422, 24.670



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, 22.190, 26.195



68, 33.637, 26.940



63, 19.969, 76.572



34, 3.620, 24.539



31, 69.240, 40.281



2, 7.464, 23.288

Inverse Universe

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



66, 17.781, 203.373



83, 25.497, 203.289



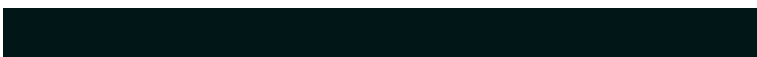
58, 18.801, 265.691



36, 3.413, 203.979



54, 31.493, 205.359



6, 7.226, 206.589

Previews

White Background



This preview shows how the CIELCh color 56, 22.192, 26.190 looks on a white background.

Color Contrast Check

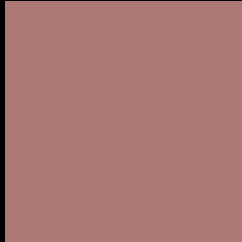
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.192, 26.190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

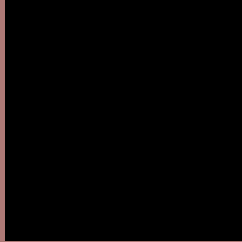
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 22.192, 26.190

Background



This preview shows how black text looks on a background with the CIELCh color 56, 22.192, 26.190.



This preview shows how white text looks on a background with the CIELCh color 56, 22.192, 26.190.

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, 22.192, 26.190

Protanopia

56, 5.505, 87.918

Deuteranopia

56, 12.603, 55.949



Tritanopia
56, 22.722, 9.209

Trichromacy



Original Color
56, 22.192, 26.190

Protanomaly
56, 9.987, 43.682

Deuteranomaly
56, 15.583, 42.020

Tritanomaly
56, 22.607, 14.895

Monochromacy



Original Color
56, 22.192, 26.190

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 7.812, 28.495

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 22.192, 26.190 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(173, 121, 118)  
}
```

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, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 121, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 22.192, 26.190 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, 118) }
```

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

```
.border{ border-color:rgb(173, 121, 118) }
```

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, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 121, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 121, 118);  
box-shadow:4px 4px 4px 4px rgb(173, 121,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 22.192, 26.190 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, 118) }
```

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

```
.background{ background-color: rgb(173,  
121, 118) }
```

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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