

Converting Colors

CIELCh(56, 20.939, 2.634)

Have a look what the booklet for
CIELCh(56, 20.939, 2.634) contains.

CIELCh(56, 20.971, 3.022)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(56, 20.971, 3.022)

Conversions

Conversions Part 1

Format	Color
Hex	AA7985
RGB	170, 121, 133
RGB Percent	67%, 47%, 52%
CMY	0.3334, 0.5255, 0.4784
CMYK	0.00, 0.29, 0.22, 0.33
HSL	345°, 22%, 57%
HSV	345°, 29%, 67%
XYZ	27.6465, 23.9124, 25.3471
YIQ	137.0190, 25.3520, 14.1200

Conversions

Conversions Part 2

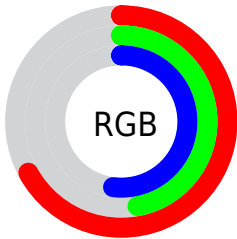
Format	Color
RYB	170, 121, 133
Decimal	11172229
CIELab	56.00, 20.94, 1.11
CIElCh	56, 20.971, 3.022
Yxy	23.9124, 0.3595, 0.3109
Android (android.graphics.Color)	4289362309 (0xFFAA7985)
YUV	137.0190, -1.9814, 28.9243
Hunter-Lab	48.9003, 15.3420, 3.4977

Details

The CIELCh color **56, 20.971, 3.022** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **66, 18.940, 177.174**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 20.793, 3.353**, and **36, 21.004, 2.670** is the 20% darker color. If you saturate the color by 10%, you get **52, 28.682, 4.543**, and if you desaturate by 10%, it is **61, 13.424, 1.754**.

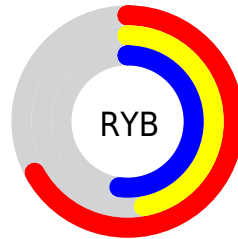
Distribution



Red (67%)

Green (47%)

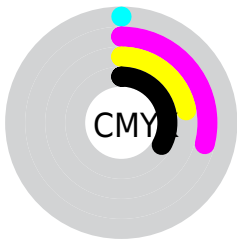
Blue (52%)



Red (67%)

Yellow (47%)

Blue (52%)

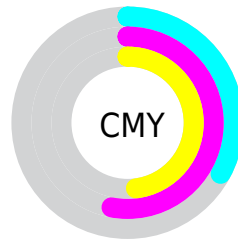


Cyan (0%)

Magenta (29%)

Yellow (22%)

Black (33%)



Cyan (33%)

Magenta (53%)


Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 20.971, 3.022 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, 20.971, 3.022 by changing the saturation by 10% instead.

 56, 20.971, 3.022  56, 20.971, 3.022

 100, 20.971, 3.022  46, 20.971, 3.022

 76, 20.971, 3.022  36, 20.971, 3.022

 86, 20.971, 3.022  26, 20.971, 3.022

 96, 20.971, 3.022  16, 20.971, 3.022

 6, 20.971, 3.022

 0, 20.971, 3.022

 56, 20.971, 3.022  56, 20.971, 3.022

 52, 28.682, 4.543  61, 13.424, 1.754

 48, 36.387, 6.397  65, 6.151, 0.646

44, 43.831, 8.704

70, 0.798, 180.346

41, 50.704, 11.612

75, 7.407, 179.046

38, 56.713, 15.276

80, 13.684,
178.303

37, 61.712, 19.796

85, 19.647,
177.652

36, 65.970, 24.941

35, 66.495, 25.518

90, 25.319,
177.067

94, 29.751,
177.952

95, 27.410,
190.683

Harmonies

Complementary

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



56, 20.971, 3.022



66, 18.940, 177.174

Rectangle

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



56, 20.971, 3.022



56, 20.971, 53.022



56, 20.971, 183.022



56, 20.971, 233.022

Sweetspot

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



56, 20.969, 3.025



83, 7.800, 0.683



56, 31.119, 318.519



44, 5.482, 0.835



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, 20.969, 3.025



68, 31.974, 4.028



59, 17.108, 44.410



33, 3.918, 0.695



30, 59.733, 24.806



1, 6.900, 2.432

Inverse Universe

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



56, 20.969, 3.025



68, 31.974, 4.028



63, 14.219, 227.459



33, 3.918, 0.695



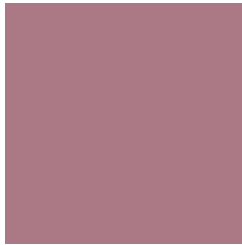
30, 59.733, 24.806



1, 6.900, 2.432

Previews

White Background



This preview shows how the CIELCh color 56, 20.971, 3.022 looks on a white background.

Color Contrast Check

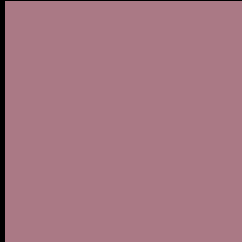
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.971, 3.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

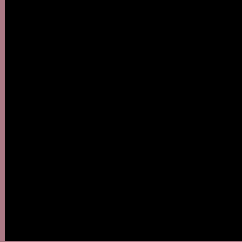
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 20.971, 3.022

Background



This preview shows how black text looks on a background with the CIELCh color 56, 20.971, 3.022.



This preview shows how white text looks on a background with the CIELCh color 56, 20.971, 3.022.

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, 20.971, 3.022

Protanopia

56, 3.465, 297.008

Deuteranopia

56, 7.696, 15.945



Tritanopia
56, 20.747, 6.055

Trichromacy



Original Color
56, 20.971, 3.022

Protanomaly
56, 8.835, 349.235

Deuteranomaly
56, 12.482, 7.643

Tritanomaly
56, 20.851, 4.530

Monochromacy



Original Color
56, 20.971, 3.022

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 7.729, 358.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 20.971, 3.022 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(170, 121, 133)` looks like.

```
.text, #text, p{  
    color:rgb(170, 121, 133)  
}
```

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(170, 121, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 121, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 20.971, 3.022 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(170, 121, 133) }
```

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

```
.border{ border-color:rgb(170, 121, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 121, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 121, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 121, 133);  
box-shadow:4px 4px 4px 4px rgb(170, 121,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 20.971, 3.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 121, 133) }
```

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

```
.background{ background-color: rgb(170,  
121, 133) }
```

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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