

Converting Colors

CIELCh(56, 21.823, 332.556)

Have a look what the booklet for
CIELCh(56, 21.823, 332.556)
contains.

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Color

CIELCh(56, 21.823, 332.556)

Conversions

Conversions Part 1

Format	Color
Hex	A07B98
RGB	160, 123, 152
RGB Percent	63%, 48%, 60%
CMY	0.3725, 0.5176, 0.4039
CMYK	0.00, 0.23, 0.05, 0.37
HSL	313°, 16%, 55%
HSV	313°, 23%, 63%
XYZ	27.2541, 23.9124, 32.8917
YIQ	137.3690, 12.7430, 16.8630

Conversions

Conversions Part 2

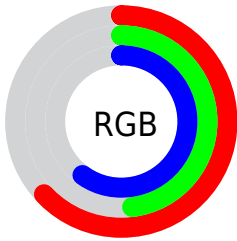
Format	Color
R_{YB}	160, 123, 152
Decimal	10517400
CIE Lab	56.00, 19.37, -10.06
CIE LCh	56, 21.823, 332.556
Yxy	23.9124, 0.3242, 0.2845
Android (android.graphics.Color)	4288707480 (0xFFA07B98)
YUV	137.3690, 7.2131, 19.8474
Hunter-Lab	48.9003, 13.9097, -5.6499

Details

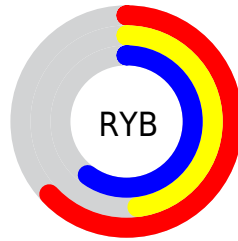
The CIELCh color $56, 21.823, 332.556$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $63, 21.717, 149.466$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 21.526, 332.792$, and $36, 21.672, 332.653$ is the 20% darker color. If you saturate the color by 10%, you get $52, 31.209, 333.237$, and if you desaturate by 10%, it is $60, 12.338, 331.897$.

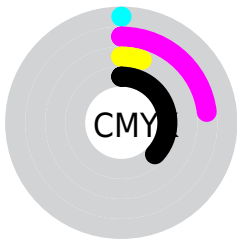
Distribution



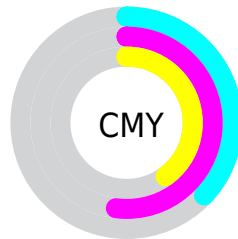
- Red (63%)
- Green (48%)
- Blue (60%)



- Red (63%)
- Yellow (48%)
- Blue (60%)



- Cyan (0%)
- Magenta (23%)
- Yellow (5%)
- Black (37%)





- Cyan (37%)
- Magenta (52%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 21.823, 332.556 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, 21.823, 332.556 by changing the saturation by 10% instead.


 56, 21.823,
332.556


 56, 21.823,
332.556


 100, 21.823,
332.556


 46, 21.823,
332.556


 76, 21.823,
332.556

 36, 21.823,
332.556

 86, 21.823,
332.556

 26, 21.823,
332.556

 96, 21.823,
332.556

 16, 21.823,
332.556

 6, 21.823, 332.556

 0, 21.823, 332.556

56, 21.823,
332.556

56, 21.823,
332.556

52, 31.209,
333.237

60, 12.338,
331.897

48, 40.271,
333.942

65, 2.917, 331.203

69, 6.339, 150.738

45, 48.696,
334.678

73, 15.372,
150.145

42, 56.098,
335.453

78, 24.151,
149.597

39, 62.060,
336.285

82, 32.665,
149.082

38, 66.218,
337.202


87, 40.916,
148.596

36, 68.381,
338.244

92, 48.912,
148.137

36, 69.136,

339.016

 93, 49.822,
148.978

Harmonies

Complementary

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



56, 21.823, 332.556



63, 21.717, 149.466

Rectangle

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



56, 21.823, 332.556



56, 21.823, 22.556



56, 21.823, 152.556



56, 21.823, 202.556

Sweetspot

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



56, 21.821, 332.557



80, 8.152, 331.501



53, 21.638, 299.776



42, 5.288, 331.538



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



56, 21.821, 332.557



69, 32.854, 332.922



55, 16.172, 358.308



31, 5.252, 331.642



32, 63.704, 338.887



1, 6.665, 332.326

Inverse Universe

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



56, 21.821, 332.557



69, 32.854, 332.922



63, 15.139, 173.801



31, 5.252, 331.642



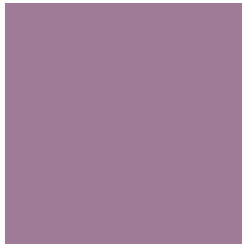
32, 63.704, 338.887



1, 6.665, 332.326

Previews

White Background



This preview shows how the CIELCh color 56, 21.823, 332.556 looks on a white background.

Color Contrast Check

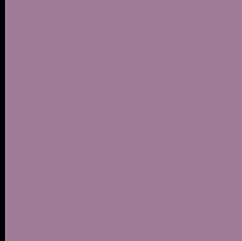
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.823, 332.556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

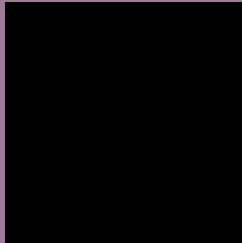
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 21.823, 332.556

Background



This preview shows how black text looks on a background with the CIELCh color 56, 21.823, 332.556.



This preview shows how white text looks on a background with the CIELCh color 56, 21.823, 332.556.

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, 21.823, 332.556

Protanopia

56, 14.931, 286.396

Deuteranopia

56, 12.006, 307.918



Tritanopia
56, 14.028, 357.094

Trichromacy



Original Color
56, 21.823, 332.556

Protanomaly
56, 16.095, 306.650

Deuteranomaly
56, 15.100, 320.246

Tritanomaly
56, 16.543, 345.488

Monochromacy



Original Color
56, 21.823, 332.556

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 7.677, 332.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 21.823, 332.556 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(160, 123, 152)` looks like.

```
.text, #text, p{  
    color:rgb(160, 123, 152)  
}
```

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(160, 123, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 123, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 21.823, 332.556 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(160, 123, 152) }
```

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

```
.border{ border-color:rgb(160, 123, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 123, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 123, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 123, 152);  
box-shadow:4px 4px 4px 4px rgb(160, 123,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 21.823, 332.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 123, 152) }
```

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

```
.background{ background-color: rgb(160,  
123, 152) }
```

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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