

Converting Colors

CIELCh(56, 24.862, 328.727)

Have a look what the booklet for
CIELCh(56, 24.862, 328.727)
contains.

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Color

CIELCh(56, 24.862, 328.727)

Conversions

Conversions Part 1

Format	Color
Hex	A17A9D
RGB	161, 122, 157
RGB Percent	63%, 48%, 62%
CMY	0.3688, 0.5217, 0.3845
CMYK	0.00, 0.24, 0.02, 0.37
HSL	306°, 17%, 55%
HSV	306°, 24%, 63%
XYZ	27.7236, 23.9124, 35.0310
YIQ	137.6510, 12.0090, 19.1530

Conversions

Conversions Part 2

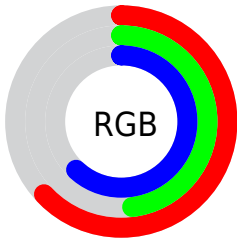
Format	Color
R_{YB}	161, 122, 157
Decimal	10582685
CIE _{Lab}	56.00, 21.25, -12.91
CIE _{LCh}	56, 24.862, 328.727
Yxy	23.9124, 0.3199, 0.2759
Android (android.graphics.Color)	4288772765 (0xFFA17A9D)
YUV	137.6510, 9.5391, 20.4771
Hunter-Lab	48.9003, 15.6235, -8.2436

Details

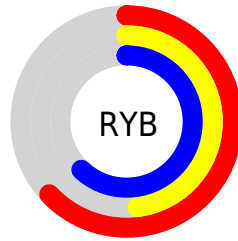
The CIELCh color $56, 24.862, 328.727$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $63, 24.821, 145.722$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 24.820, 328.288$, and $36, 24.905, 328.562$ is the 20% darker color. If you saturate the color by 10%, you get $52, 35.007, 329.309$, and if you desaturate by 10%, it is $60, 14.565, 328.142$.

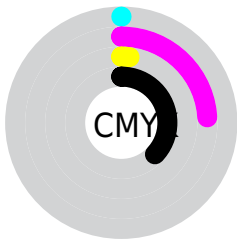
Distribution



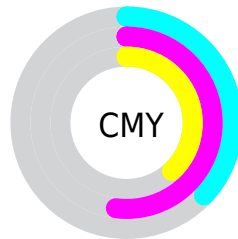
- Red (63%)
- Green (48%)
- Blue (62%)



- Red (63%)
- Yellow (48%)
- Blue (62%)



- Cyan (0%)
- Magenta (24%)
- Yellow (2%)
- Black (37%)



- Cyan (37%)
- Magenta (52%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 24.862, 328.727 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, 24.862, 328.727 by changing the saturation by 10% instead.

 56, 24.862,
328.727


 56, 24.862,
328.727

 100, 24.862,
328.727

 46, 24.862,
328.727


 76, 24.862,
328.727

 36, 24.862,
328.727

 86, 24.862,
328.727

 26, 24.862,
328.727

 96, 24.862,
328.727

 16, 24.862,
328.727

 6, 24.862, 328.727

 0, 24.862, 328.727

56, 24.862,
328.727

56, 24.862,
328.727

52, 35.007,
329.309

60, 14.565,
328.142

48, 44.748,
329.883

64, 4.304, 327.533

45, 53.750,
330.440

69, 5.804, 147.075

42, 61.613,
330.976

73, 15.684,
146.512

40, 67.925,
331.487

78, 25.295,
145.992

39, 72.354,
331.978

82, 34.620,
145.499


38, 74.763,
332.459

87, 43.656,
145.033

37, 75.649,

91, 52.408,
144.594

332.736

 93, 54.195,
144.861

Harmonies

Complementary

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



56, 24.862, 328.727



63, 24.821, 145.722

Rectangle

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



56, 24.862, 328.727



56, 24.862, 18.727



56, 24.862, 148.727



56, 24.862, 198.727

Sweetspot

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



56, 24.860, 328.727



80, 8.834, 327.720



53, 22.695, 296.400



42, 5.730, 327.753



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, 24.860, 328.727



69, 36.791, 329.037



55, 17.896, 351.755



32, 5.842, 327.850



33, 70.251, 332.693



1, 8.855, 328.273

Inverse Universe

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



56, 24.860, 328.727



69, 36.791, 329.037



63, 17.079, 167.175



32, 5.842, 327.850



33, 70.251, 332.693



1, 8.855, 328.273

Previews

White Background



This preview shows how the CIELCh color 56, 24.862, 328.727 looks on a white background.

Color Contrast Check

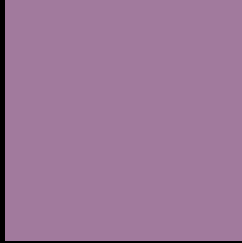
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.862, 328.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

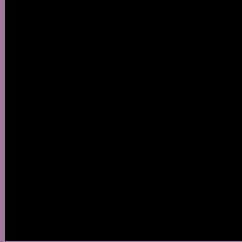
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 24.862, 328.727

Background



This preview shows how black text looks on a background with the CIELCh color 56, 24.862, 328.727.



This preview shows how white text looks on a background with the CIELCh color 56, 24.862, 328.727.

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, 24.862, 328.727

Protanopia

56, 18.392, 285.739

Deuteranopia

56, 14.050, 302.434



Tritanopia
56, 14.028, 357.094

Trichromacy



Original Color
56, 24.862, 328.727

Protanomaly
56, 19.354, 303.181

Deuteranomaly
56, 17.488, 314.634

Tritanomaly
56, 17.186, 342.334

Monochromacy



Original Color
56, 24.862, 328.727

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 9.240, 326.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 24.862, 328.727 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(161, 122, 157)` looks like.

```
.text, #text, p{  
    color:rgb(161, 122, 157)  
}
```

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(161, 122, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 122, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 24.862, 328.727 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(161, 122, 157) }
```

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

```
.border{ border-color:rgb(161, 122, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 122, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 122, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 122, 157);  
box-shadow:4px 4px 4px 4px rgb(161, 122,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 24.862, 328.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 122, 157) }
```

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

```
.background{ background-color: rgb(161,  
122, 157) }
```

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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