

Converting Colors

CIELCh(56, 21.773, 327.270)

Have a look what the booklet for
CIELCh(56, 21.773, 327.270)
contains.

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Color

CIELCh(56, 21.747, 327.263)

Conversions

Conversions Part 1

Format	Color
Hex	9D7C9B
RGB	157, 124, 155
RGB Percent	62%, 49%, 61%
CMY	0.3847, 0.5141, 0.3925
CMYK	0.00, 0.21, 0.01, 0.38
HSL	304°, 14%, 55%
HSV	304°, 21%, 62%
XYZ	26.9886, 23.9124, 34.1596
YIQ	137.4010, 9.7170, 16.6370

Conversions

Conversions Part 2

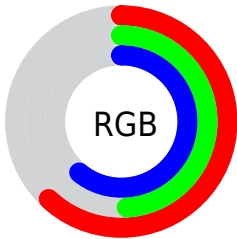
Format	Color
R_{YB}	157, 124, 155
Decimal	10321051
CIE _{Lab}	56.00, 18.29, -11.76
CIE _{LCh}	56, 21.747, 327.263
Yxy	23.9124, 0.3173, 0.2811
Android (android.graphics.Color)	4288511131 (0xFF9D7C9B)
YUV	137.4010, 8.6763, 17.1883
Hunter-Lab	48.9003, 12.9404, -7.1871

Details

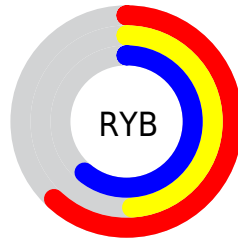
The CIELCh color $56, 21.747, 327.263$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $62, 21.721, 144.763$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 21.421, 327.778$, and $36, 21.647, 326.827$ is the 20% darker color. If you saturate the color by 10%, you get $52, 32.038, 327.819$, and if you desaturate by 10%, it is $60, 11.364, 326.698$.

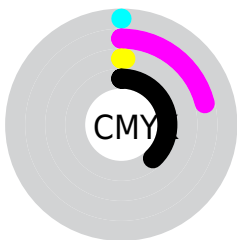
Distribution



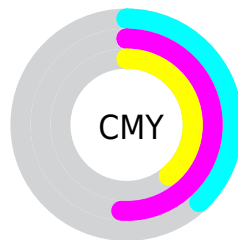
- Red (62%)
- Green (49%)
- Blue (61%)



- Red (62%)
- Yellow (49%)
- Blue (61%)



- Cyan (0%)
- Magenta (21%)
- Yellow (1%)
- Black (38%)





- Cyan (38%)
- Magenta (51%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 21.747, 327.263 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, 21.747, 327.263 by changing the saturation by 10% instead.


 56, 21.747,
327.263

 56, 21.747,
327.263


 100, 21.747,
327.263


 46, 21.747,
327.263


 76, 21.747,
327.263

 36, 21.747,
327.263

 86, 21.747,
327.263

 26, 21.747,
327.263

 96, 21.747,
327.263

 16, 21.747,
327.263

 6, 21.747, 327.263

 0, 21.747, 327.263

56, 21.747,
327.263

56, 21.747,
327.263

52, 32.038,
327.819

60, 11.364,
326.698

49, 42.013,
328.360

64, 1.057, 325.952

69, 9.069, 145.654

45, 51.362,
328.874

73, 18.952,
145.121

42, 59.709,
329.351

77, 28.556,
144.619

40, 66.653,
329.782

82, 37.868,
144.143

38, 71.838,
330.162


86, 46.887,
143.694

37, 75.064,
330.494

91, 55.621,
143.270

37, 76.712,

330.765

 92, 58.405,
143.300

Harmonies

Complementary

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



56, 21.747, 327.263



62, 21.721, 144.763

Rectangle

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



56, 21.747, 327.263



56, 21.747, 17.263



56, 21.747, 147.263



56, 21.747, 197.263

Sweetspot

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



56, 21.745, 327.263



79, 7.636, 326.410



53, 19.133, 294.274



41, 5.055, 326.446



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



56, 21.745, 327.263



69, 32.019, 327.512



55, 15.599, 348.330



31, 5.857, 326.595



33, 71.634, 330.743



1, 7.550, 326.501

Inverse Universe

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



56, 21.745, 327.263



69, 32.019, 327.512



62, 15.101, 164.578



31, 5.857, 326.595



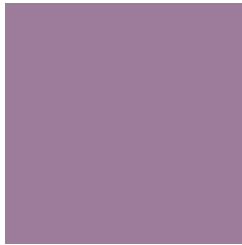
33, 71.634, 330.743



1, 7.550, 326.501

Previews

White Background



This preview shows how the CIELCh color 56, 21.747, 327.263 looks on a white background.

Color Contrast Check

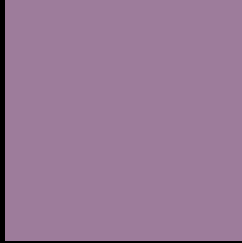
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.747, 327.263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

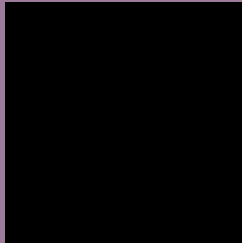
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 21.747, 327.263

Background



This preview shows how black text looks on a background with the CIELCh color 56, 21.747, 327.263.



This preview shows how white text looks on a background with the CIELCh color 56, 21.747, 327.263.

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, 21.747, 327.263

Protanopia

56, 16.067, 286.953

Deuteranopia

56, 13.489, 302.853



Tritanopia
56, 12.188, 352.906

Trichromacy



Original Color
56, 21.747, 327.263

Protanomaly
56, 17.018, 303.290

Deuteranomaly
56, 16.301, 314.943

Tritanomaly
56, 15.331, 339.060

Monochromacy



Original Color
56, 21.747, 327.263

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 8.331, 324.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 21.747, 327.263 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(157, 124, 155)` looks like.

```
.text, #text, p{  
    color:rgb(157, 124, 155)  
}
```

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(157, 124, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 124, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 21.747, 327.263 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(157, 124, 155) }
```

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

```
.border{ border-color:rgb(157, 124, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 124, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 124, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 124, 155); box-shadow:4px 4px 4px 4px rgb(157, 124, 155) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 21.747, 327.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 124, 155) }
```

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

```
.background{ background-color: rgb(157,  
124, 155) }
```

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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