

Converting Colors

CIELCh(56, 31.604, 320.678)

Have a look what the booklet for
CIELCh(56, 31.604, 320.678)
contains.

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Color

CIELCh(56, 31.639, 320.574)

Conversions

Conversions Part 1

Format	Color
Hex	A078A9
RGB	160, 120, 169
RGB Percent	63%, 47%, 66%
CMY	0.3710, 0.5280, 0.3358
CMYK	0.05, 0.29, 0.00, 0.34
HSL	289°, 22%, 57%
HSV	289°, 29%, 66%
XYZ	28.5314, 23.9124, 40.8365
YIQ	137.5460, 8.1110, 23.7190

Conversions

Conversions Part 2

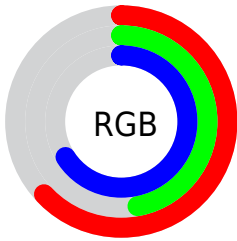
Format	Color
R_{YB}	160, 120, 169
Decimal	10516649
CIE _{Lab}	56.00, 24.44, -20.09
CIE _{LCh}	56, 31.639, 320.574
Yxy	23.9124, 0.3059, 0.2564
Android (android.graphics.Color)	4288706729 (0xFFA078A9)
YUV	137.5460, 15.5068, 19.6922
Hunter-Lab	48.9003, 18.5722, -15.2826

Details

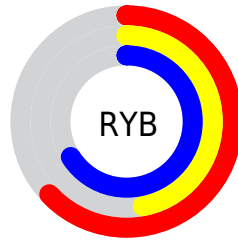
The CIELCh color $56, 31.639, 320.574$ is a light color, and the websafe version is hex `996699`. A complement of this color would be $65, 31.268, 137.781$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 31.243, 320.536$, and $36, 31.664, 320.588$ is the 20% darker color. If you saturate the color by 10%, you get $52, 42.538, 320.996$, and if you desaturate by 10%, it is $61, 20.619, 320.129$.

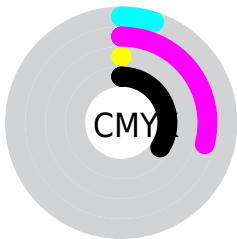
Distribution



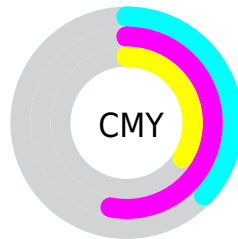
- Red (63%)
- Green (47%)
- Blue (66%)



- Red (63%)
- Yellow (47%)
- Blue (66%)



- Cyan (5%)
- Magenta (29%)
- Yellow (0%)
- Black (34%)





- Cyan (37%)
- Magenta (53%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 31.639, 320.574 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, 31.639, 320.574 by changing the saturation by 10% instead.


 56, 31.639,
320.574


 56, 31.639,
320.574


 100, 31.639,
320.574


 46, 31.639,
320.574


 76, 31.639,
320.574

 36, 31.639,
320.574

 86, 31.639,
320.574

 26, 31.639,
320.574

 96, 31.639,
320.574

 16, 31.639,
320.574

 6, 31.639, 320.574

 0, 31.639, 320.574

56, 31.639,
320.574

56, 31.639,
320.574

52, 42.538,
320.996

61, 20.619,
320.129

48, 53.061,
321.371

65, 9.660, 319.673

44, 62.850,
321.669

70, 1.127, 139.422

41, 71.457,
321.853

75, 11.672,
138.852

38, 78.397,
321.881

79, 21.941,
138.447

36, 83.265,
321.715

84, 31.918,
138.074


35, 86.179,
321.364

89, 41.598,
137.728

35, 86.467,

94, 50.482,
137.376

321.326

 94, 49.914,
136.370

Harmonies

Complementary

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



56, 31.639, 320.574



65, 31.268, 137.781

Rectangle

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



56, 31.639, 320.574



56, 31.639, 10.574



56, 31.639, 140.574



56, 31.639, 190.574

Sweetspot

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



56, 31.637, 320.574



82, 12.003, 319.683



55, 22.681, 284.383



43, 8.338, 319.748



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



56, 31.637, 320.574



68, 47.219, 320.860



56, 26.997, 336.335



33, 6.085, 319.689



30, 78.243, 321.397



2, 10.840, 317.552

Inverse Universe

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



56, 20.685, 7.616



67, 31.303, 8.610



65, 26.718, 152.007



33, 3.829, 5.283



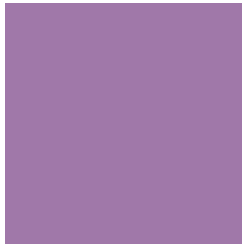
30, 62.006, 29.625



1, 6.763, 6.501

Previews

White Background



This preview shows how the CIELCh color 56, 31.639, 320.574 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, 31.639, 320.574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

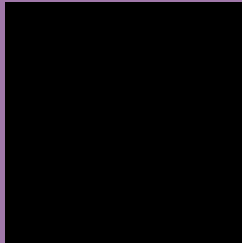
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 31.639, 320.574

Background



This preview shows how black text looks on a background with the CIELCh color 56, 31.639, 320.574.

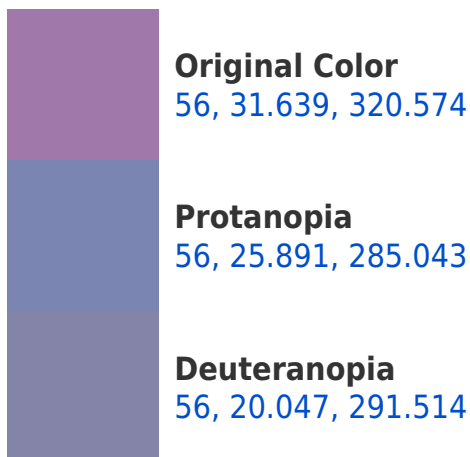


This preview shows how white text looks on a background with the CIELCh color 56, 31.639, 320.574.

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





Tritanopia
56, 12.907, 354.706

Trichromacy



Original Color
56, 31.639, 320.574

Protanomaly
56, 27.182, 299.120

Deuteranomaly
56, 23.574, 305.060

Tritanomaly
56, 18.743, 334.590

Monochromacy



Original Color
56, 31.639, 320.574

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 11.149, 319.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 31.639, 320.574 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, 120, 169)` looks like.

```
.text, #text, p{  
    color:rgb(160, 120, 169)  
}
```

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, 120, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 120, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 31.639, 320.574 is called "border". The border property can be set on classes, ids or directly on the HTML element.

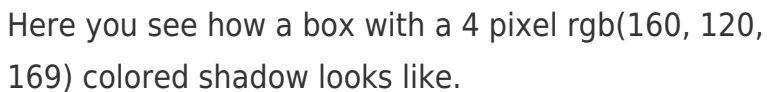
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 120, 169) }
```

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

```
.border{ border-color:rgb(160, 120, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(160, 120, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 120, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 120, 169);  
box-shadow:4px 4px 4px 4px rgb(160, 120,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 31.639, 320.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 120, 169) }
```

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

```
.background{ background-color: rgb(160,  
120, 169) }
```

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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