

Converting Colors

CIELCh(56, 31.136, 330.212)

Have a look what the booklet for
CIELCh(56, 31.136, 330.212)
contains.

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Color

CIELCh(56, 31.218, 329.619)

Conversions

Conversions Part 1

Format	Color
Hex	A876A2
RGB	168, 118, 162
RGB Percent	66%, 46%, 64%
CMY	0.3409, 0.5370, 0.3645
CMYK	0.00, 0.30, 0.04, 0.34
HSL	307°, 22%, 56%
HSV	307°, 30%, 66%
XYZ	29.1732, 23.9124, 37.2880
YIQ	137.9660, 15.6760, 24.2840

Conversions

Conversions Part 2

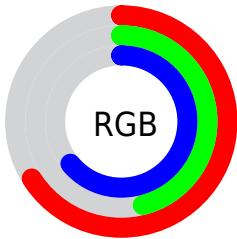
Format	Color
R_{YB}	168, 118, 162
Decimal	11040418
CIE _{Lab}	56.00, 26.93, -15.79
CIE _{LCh}	56, 31.218, 329.619
Yxy	23.9124, 0.3228, 0.2646
Android (android.graphics.Color)	4289230498 (0xFFA876A2)
YUV	137.9660, 11.8488, 26.3398
Hunter-Lab	48.9003, 20.9150, -10.9802

Details

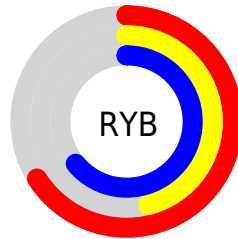
The CIELCh color **56, 31.218, 329.619** is a light color, and the websafe version is hex **996699**. A complement of this color would be **64, 31.169, 145.766**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 31.132, 329.676**, and **36, 30.820, 329.771** is the 20% darker color. If you saturate the color by 10%, you get **52, 41.410, 330.215**, and if you desaturate by 10%, it is **60, 20.734, 329.022**.

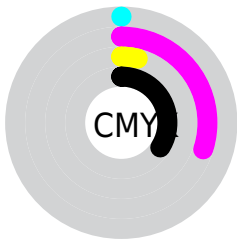
Distribution



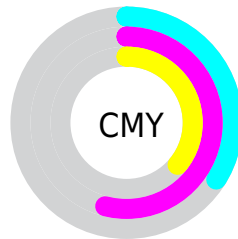
- Red (66%)
- Green (46%)
- Blue (64%)



- Red (66%)
- Yellow (46%)
- Blue (64%)



- Cyan (0%)
- Magenta (30%)
- Yellow (4%)
- Black (34%)





- Cyan (34%)
- Magenta (54%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 31.218, 329.619 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, 31.218, 329.619 by changing the saturation by 10% instead.


 56, 31.218,
329.619


 56, 31.218,
329.619


 100, 31.218,
329.619


 46, 31.218,
329.619


 76, 31.218,
329.619

 36, 31.218,
329.619

 86, 31.218,
329.619

 26, 31.218,
329.619

 96, 31.218,
329.619

 16, 31.218,
329.619

 6, 31.218, 329.619

 0, 31.218, 329.619

56, 31.218,
329.619

56, 31.218,
329.619

52, 41.410,
330.215

60, 20.734,
329.022

49, 51.004,
330.804

65, 10.193,
328.423

45, 59.608,
331.380

69, 0.250, 148.884

43, 66.789,
331.942

74, 10.495,
147.345

41, 72.148,
332.494

78, 20.482,
146.800

39, 75.434,
333.047

83, 30.184,
146.288


39, 76.993,
333.613

88, 39.588,
145.802

39, 77.028,

92, 48.699,
145.344

333.627

 93, 49.324,
145.879

Harmonies

Complementary

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



56, 31.218, 329.619



64, 31.169, 145.766

Rectangle

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



56, 31.218, 329.619



56, 31.218, 19.619



56, 31.218, 149.619



56, 31.218, 199.619

Sweetspot

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



56, 31.216, 329.619



82, 11.677, 328.388



52, 29.216, 297.617



43, 8.109, 328.473



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, 31.216, 329.619



68, 46.711, 330.031



55, 22.696, 353.503



33, 5.920, 328.395



34, 70.194, 333.563



2, 10.427, 329.243

Inverse Universe

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



56, 31.216, 329.619



68, 46.711, 330.031



65, 21.329, 167.593



33, 5.920, 328.395



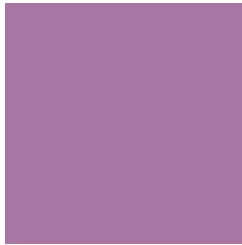
34, 70.194, 333.563



2, 10.427, 329.243

Previews

White Background



This preview shows how the CIELCh color 56, 31.218, 329.619 looks on a white background.

Color Contrast Check

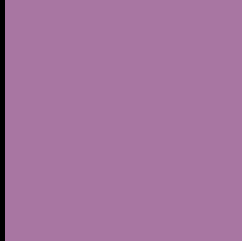
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 56, 31.218, 329.619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

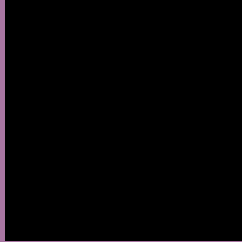
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 31.218, 329.619

Background



This preview shows how black text looks on a background with the CIELCh color 56, 31.218, 329.619.

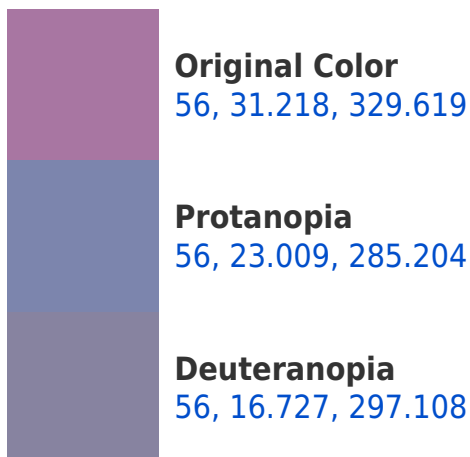


This preview shows how white text looks on a background with the CIELCh color 56, 31.218, 329.619.

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, 16.981, 3.891

Trichromacy



Original Color
56, 31.218, 329.619

Protanomaly
56, 23.995, 303.110

Deuteranomaly
56, 21.618, 313.404

Tritanomaly
56, 20.999, 345.316

Monochromacy



Original Color
56, 31.218, 329.619

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 11.531, 328.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 31.218, 329.619 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(168, 118, 162)` looks like.

```
.text, #text, p{  
    color:rgb(168, 118, 162)  
}
```

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(168, 118, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 118, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 31.218, 329.619 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(168, 118, 162) }
```

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

```
.border{ border-color:rgb(168, 118, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 118, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 118, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 118, 162);  
box-shadow:4px 4px 4px 4px rgb(168, 118,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 31.218, 329.619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 118, 162) }
```

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

```
.background{ background-color: rgb(168,  
118, 162) }
```

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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