

Converting Colors

CIELCh(60, 32.110, 323.505)

Have a look what the booklet for
CIELCh(60, 32.110, 323.505)
contains.

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Color

CIELCh(60, 31.941, 322.958)

Conversions

Conversions Part 1

Format	Color
Hex	AE82B3
RGB	174, 130, 179
RGB Percent	68%, 51%, 70%
CMY	0.3186, 0.4911, 0.2989
CMYK	0.03, 0.27, 0.00, 0.30
HSL	294°, 24%, 60%
HSV	294°, 27%, 70%
XYZ	33.4698, 28.1233, 46.1888
YIQ	148.7420, 10.4950, 24.5670

Conversions

Conversions Part 2

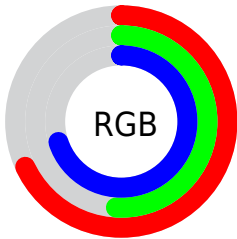
Format	Color
RYB	174, 130, 179
Decimal	11436723
CIELab	60.00, 25.50, -19.24
CIElCh	60, 31.941, 322.958
Yxy	28.1233, 0.3105, 0.2609
Android (android.graphics.Color)	4289626803 (0xFFAE82B3)
YUV	148.7420, 14.9172, 22.1513
Hunter-Lab	53.0314, 19.8518, -14.5178

Details

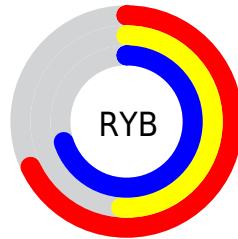
The CIELCh color $60, 31.941, 322.958$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $69, 31.755, 140.064$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 32.241, 322.900$, and $40, 31.870, 323.128$ is the 20% darker color. If you saturate the color by 10%, you get $56, 43.475, 323.413$, and if you desaturate by 10%, it is $65, 20.229, 322.479$.

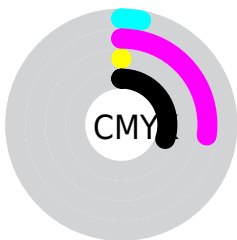
Distribution



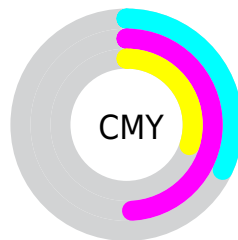
- Red (68%)
- Green (51%)
- Blue (70%)



- Red (68%)
- Yellow (51%)
- Blue (70%)



- Cyan (3%)
- Magenta (27%)
- Yellow (0%)
- Black (30%)





- Cyan (32%)
- Magenta (49%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 31.941, 322.958 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 60, 31.941, 322.958 by changing the saturation by 10% instead.


 60, 31.941,
322.958


 60, 31.941,
322.958


 100, 31.941,
322.958


 50, 31.941,
322.958


 80, 31.941,
322.958

 40, 31.941,
322.958

 90, 31.941,
322.958


 30, 31.941,
322.958

 20, 31.941,
322.958

 10, 31.941,
322.958

 0, 31.941, 322.958

 60, 31.941,

 60, 31.941,

322.958

56, 43.475,
323.413

52, 54.544,
323.825

48, 64.762,
324.169

45, 73.668,
324.417

42, 80.786,
324.540

41, 85.747,
324.516

39, 88.541,
324.340

39, 89.138,
324.286

322.958

65, 20.229,
322.479

69, 8.551, 321.984

74, 2.961, 141.607


79, 14.223,
141.090

84, 25.189,
140.645

89, 35.836,
140.228

94, 46.159,
139.839

94, 45.856,
139.221

 94, 45.509,
138.587

Harmonies

Complementary

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



60, 31.941, 322.958



69, 31.755, 140.064

Rectangle

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



60, 31.941, 322.958



60, 31.941, 12.958



60, 31.941, 142.958



60, 31.941, 192.958

Sweetspot

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



60, 31.939, 322.958



87, 11.431, 322.021



58, 24.688, 288.501



46, 8.198, 322.097



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



60, 31.939, 322.958



73, 47.505, 323.242



60, 25.244, 340.011



35, 6.543, 322.081



33, 79.463, 324.333



2, 15.510, 320.258

Inverse Universe

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



59, 20.197, 13.680



72, 30.600, 14.539



69, 24.803, 155.587



35, 3.940, 11.676



31, 67.106, 35.043



2, 9.230, 12.875

Previews

White Background



This preview shows how the CIELCh color 60, 31.941, 322.958 looks on a white background.

Color Contrast Check

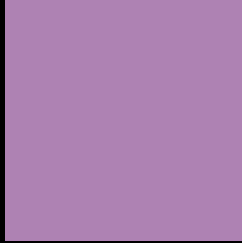
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 31.941, 322.958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

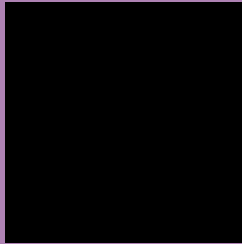
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 31.941, 322.958

Background



This preview shows how black text looks on a background with the CIELCh color 60, 31.941, 322.958.



This preview shows how white text looks on a background with the CIELCh color 60, 31.941, 322.958.

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
60, 14.212, 357.679

Trichromacy



Original Color
60, 31.941, 322.958

Protanomaly
60, 26.914, 300.452

Deuteranomaly
60, 22.893, 307.032

Tritanomaly
60, 19.614, 338.021

Monochromacy



Original Color
60, 31.941, 322.958

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 11.872, 321.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 31.941, 322.958 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(174, 130, 179)` looks like.

```
.text, #text, p{  
    color:rgb(174, 130, 179)  
}
```

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(174, 130, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 130, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 31.941, 322.958 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(174, 130, 179) }
```

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

```
.border{ border-color:rgb(174, 130, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 130, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 130, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 130, 179);  
box-shadow:4px 4px 4px 4px rgb(174, 130,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 31.941, 322.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 130, 179) }
```

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

```
.background{ background-color: rgb(174,  
130, 179) }
```

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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