

Converting Colors

CIELCh(60, 22.318, 323.522)

Have a look what the booklet for
CIELCh(60, 22.318, 323.522)
contains.

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Color

CIELCh(60, 21.983, 323.781)

Conversions

Conversions Part 1

Format	Color
Hex	A687A8
RGB	166, 135, 168
RGB Percent	65%, 53%, 66%
CMY	0.3503, 0.4718, 0.3425
CMYK	0.01, 0.20, 0.00, 0.34
HSL	296°, 16%, 59%
HSV	296°, 20%, 66%
XYZ	31.3111, 28.1233, 40.6604
YIQ	148.0310, 7.8830, 16.8350

Conversions

Conversions Part 2

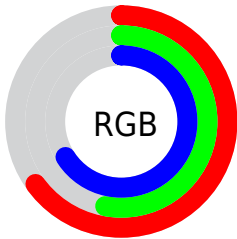
Format	Color
R_{YB}	166, 135, 168
Decimal	10913704
CIE _{Lab}	60.00, 17.74, -12.99
CIE _{LCh}	60, 21.983, 323.781
Yxy	28.1233, 0.3128, 0.2810
Android (android.graphics.Color)	4289103784 (0xFFFA687A8)
YUV	148.0310, 9.8447, 15.7588
Hunter-Lab	53.0314, 12.5859, -8.3370

Details

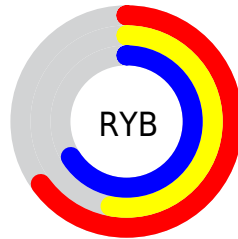
The CIELCh color $60, 21.983, 323.781$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $66, 21.916, 141.679$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 22.108, 323.695$, and $40, 22.086, 323.976$ is the 20% darker color. If you saturate the color by 10%, you get $56, 33.172, 324.275$, and if you desaturate by 10%, it is $64, 10.755, 323.271$.

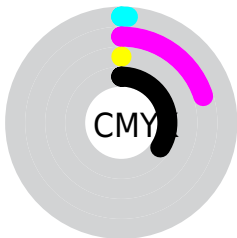
Distribution



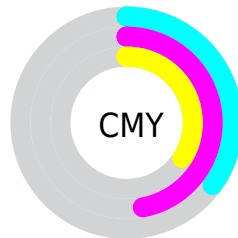
- Red (65%)
- Green (53%)
- Blue (66%)



- Red (65%)
- Yellow (53%)
- Blue (66%)



- Cyan (1%)
- Magenta (20%)
- Yellow (0%)
- Black (34%)





- Cyan (35%)
- Magenta (47%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 21.983, 323.781 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, 21.983, 323.781 by changing the saturation by 10% instead.


 60, 21.983,
323.781


 60, 21.983,
323.781


 100, 21.983,
323.781


 50, 21.983,
323.781


 80, 21.983,
323.781

 40, 21.983,
323.781

 90, 21.983,
323.781

 30, 21.983,
323.781

 20, 21.983,
323.781

 10, 21.983,
323.781

 0, 21.983, 323.781

 60, 21.983,

 60, 21.983,

323.781

56, 33.172,
324.275

52, 44.103,
324.741

48, 54.469,
325.162

45, 63.880,
325.515

42, 71.901,
325.779

40, 78.117,
325.931

39, 82.254,
325.957

38, 84.634,
325.878

323.781

64, 10.755,
323.271

69, 0.353, 143.399

73, 11.245,
142.325

78, 21.863,
141.848

83, 32.178,
141.400

88, 42.179,
140.978

92, 51.866,
140.584

93, 53.379,
140.287

■ 38, 84.707,
325.875

■ 93, 53.183,
140.003

Harmonies

Complementary

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



60, 21.983, 323.781



66, 21.916, 141.679

Rectangle

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



60, 21.983, 323.781



60, 21.983, 13.781



60, 21.983, 143.781



60, 21.983, 193.781

Sweetspot

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



60, 21.981, 323.781



83, 8.203, 323.080



58, 17.534, 289.637



44, 5.487, 323.114



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



60, 21.981, 323.781



74, 33.077, 324.018



60, 16.579, 341.788



33, 6.310, 323.250



33, 77.248, 325.899



2, 11.365, 322.156

Inverse Universe

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



59, 13.404, 15.994



72, 20.477, 16.517



66, 16.294, 158.628



33, 3.731, 14.995



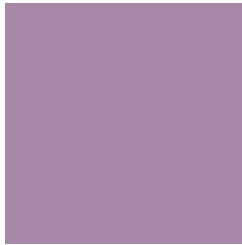
30, 66.895, 36.890



1, 6.598, 15.067

Previews

White Background



This preview shows how the CIELCh color 60, 21.983, 323.781 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, 21.983, 323.781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

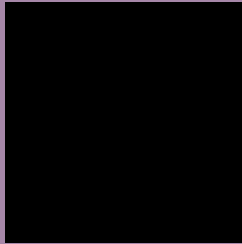
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 21.983, 323.781

Background



This preview shows how black text looks on a background with the CIELCh color 60, 21.983, 323.781.



This preview shows how white text looks on a background with the CIELCh color 60, 21.983, 323.781.

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


60, 21.983, 323.781

Protanopia

60, 17.569, 286.391

Deuteranopia

60, 14.496, 303.428



Tritanopia
60, 11.593, 348.354

Trichromacy



Original Color
60, 21.983, 323.781

Protanomaly
60, 18.399, 301.178

Deuteranomaly
60, 16.981, 312.234

Tritanomaly
60, 14.952, 335.238

Monochromacy



Original Color
60, 21.983, 323.781

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 8.008, 322.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 21.983, 323.781 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(166, 135, 168)` looks like.

```
.text, #text, p{  
    color:rgb(166, 135, 168)  
}
```

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(166, 135, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 135, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 21.983, 323.781 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(166, 135, 168) }
```

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

```
.border{ border-color:rgb(166, 135, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 135, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 135, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 135, 168);  
box-shadow:4px 4px 4px 4px rgb(166, 135,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 21.983, 323.781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 135, 168) }
```

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

```
.background{ background-color: rgb(166,  
135, 168) }
```

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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