

Converting Colors

CIELCh(60, 27.518, 325.636)

Have a look what the booklet for
CIELCh(60, 27.518, 325.636)
contains.

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Color

CIELCh(60, 27.684, 325.716)

Conversions

Conversions Part 1

Format	Color
Hex	AC83AC
RGB	172, 131, 172
RGB Percent	67%, 51%, 67%
CMY	0.3241, 0.4850, 0.3241
CMYK	0.00, 0.24, 0.00, 0.32
HSL	300°, 20%, 60%
HSV	300°, 24%, 68%
XYZ	32.7299, 28.1233, 42.9069
YIQ	147.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

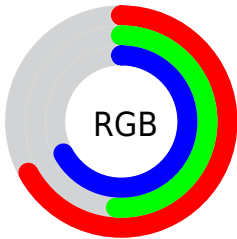
Format	Color
R _Y B	172, 131, 172
Decimal	11305900
CIE Lab	60.00, 22.87, -15.59
CIE LCh	60, 27.684, 325.716
Yxy	28.1233, 0.3154, 0.2710
Android (android.graphics.Color)	4289495980 (0xFFAC83AC)
YUV	147.9330, 11.8650, 21.1068
Hunter-Lab	53.0314, 17.3615, -10.8486

Details

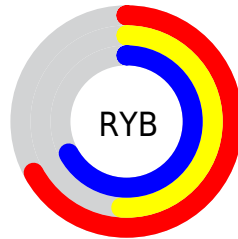
The CIELCh color $60, 27.684, 325.716$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $67, 27.669, 142.896$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 27.751, 326.113$, and $40, 27.869, 325.382$ is the 20% darker color. If you saturate the color by 10%, you get $56, 39.171, 326.239$, and if you desaturate by 10%, it is $64, 16.017, 325.174$.

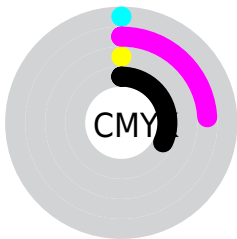
Distribution



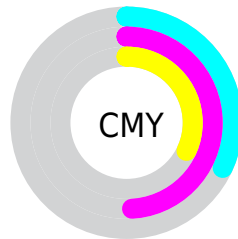
- Red (67%)
- Green (51%)
- Blue (67%)



- Red (67%)
- Yellow (51%)
- Blue (67%)



- Cyan (0%)
- Magenta (24%)
- Yellow (0%)
- Black (32%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 27.684, 325.716 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, 27.684, 325.716 by changing the saturation by 10% instead.


 60, 27.684,
325.716


 60, 27.684,
325.716


 100, 27.684,
325.716


 50, 27.684,
325.716


 80, 27.684,
325.716

 40, 27.684,
325.716

 90, 27.684,
325.716

 30, 27.684,
325.716

 20, 27.684,
325.716

 10, 27.684,
325.716

 0, 27.684, 325.716

 60, 27.684,

 60, 27.684,

325.716

56, 39.171,
326.239

52, 50.199,
326.729

49, 60.395,
327.171

46, 69.332,
327.549

44, 76.582,
327.849

42, 81.814,
328.061

41, 84.911,
328.185

41, 86.156,
328.235

325.716

64, 16.017,
325.174

69, 4.385, 324.596

73, 7.075, 144.148


78, 18.275,
143.608

83, 29.165,
143.105

88, 39.723,
142.627

92, 49.941,
142.176

93, 51.697,
142.100

 93, 51.697,
142.101

Harmonies

Complementary

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



60, 27.684, 325.716



67, 27.669, 142.896

Rectangle

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



60, 27.684, 325.716



60, 27.684, 15.716



60, 27.684, 145.716



60, 27.684, 195.716

Sweetspot

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



60, 27.682, 325.716



85, 10.037, 324.800



56, 23.497, 292.906



45, 6.516, 324.832



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



60, 27.682, 325.716



74, 41.758, 326.018



59, 19.699, 345.743



34, 6.590, 324.924



35, 77.958, 328.235



2, 13.856, 324.441

Inverse Universe

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



60, 27.682, 325.716



74, 41.758, 326.018



67, 19.132, 161.560



34, 6.590, 324.924



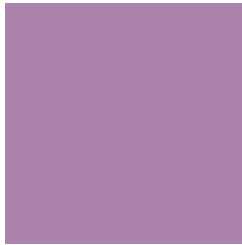
35, 77.958, 328.235



2, 13.856, 324.441

Previews

White Background



This preview shows how the CIELCh color 60, 27.684, 325.716 looks on a white background.

Color Contrast Check

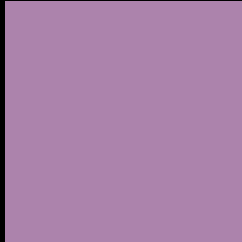
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.684, 325.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

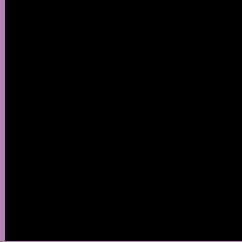
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 27.684, 325.716

Background



This preview shows how black text looks on a background with the CIELCh color 60, 27.684, 325.716.



This preview shows how white text looks on a background with the CIELCh color 60, 27.684, 325.716.

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, 27.684, 325.716

Protanopia
60, 21.540, 286.167

Deuteranopia
60, 16.548, 298.262



Tritanopia
60, 14.415, 355.598

Trichromacy



Original Color
60, 27.684, 325.716

Protanomaly
60, 22.432, 301.668

Deuteranomaly
60, 20.554, 311.959

Tritanomaly
60, 18.616, 339.731

Monochromacy



Original Color
60, 27.684, 325.716

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 10.258, 324.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 27.684, 325.716 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(172, 131, 172)` looks like.

```
.text, #text, p{  
    color:rgb(172, 131, 172)  
}
```

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(172, 131, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 131, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 27.684, 325.716 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(172, 131, 172) }
```

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

```
.border{ border-color:rgb(172, 131, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 131, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 131, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 131, 172);  
box-shadow:4px 4px 4px 4px rgb(172, 131,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 27.684, 325.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 131, 172) }
```

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

```
.background{ background-color: rgb(172,  
131, 172) }
```

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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