

Converting Colors

CIELCh(63, 32.876, 304.856)

Have a look what the booklet for
CIELCh(63, 32.876, 304.856)
contains.

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Color

CIELCh(63, 32.723, 304.843)

Conversions

Conversions Part 1

Format	Color
Hex	A28FC8
RGB	162, 143, 200
RGB Percent	64%, 56%, 78%
CMY	0.3639, 0.4384, 0.2149
CMYK	0.19, 0.28, 0.00, 0.21
HSL	260°, 34%, 67%
HSV	260°, 28%, 79%
XYZ	35.2439, 31.5869, 59.0118
YIQ	155.1790, -6.9730, 21.7550

Conversions

Conversions Part 2

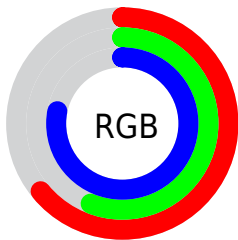
Format	Color
R_{YB}	162, 143, 200
Decimal	10653640
CIE _{Lab}	63.00, 18.70, -26.86
CIE _{LCh}	63, 32.723, 304.843
Yxy	31.5869, 0.2801, 0.2510
Android (android.graphics.Color)	4288843720 (0xFFA28FC8)
YUV	155.1790, 22.0968, 5.9820
Hunter-Lab	56.2022, 13.5818, -22.9124

Details

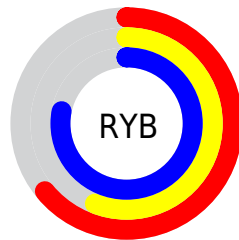
The CIELCh color $63, 32.723, 304.843$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 31.002, 121.485$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 31.569, 304.851$, and $43, 32.514, 304.345$ is the 20% darker color. If you saturate the color by 10%, you get $57, 44.903, 305.613$, and if you desaturate by 10%, it is $69, 20.879, 304.142$.

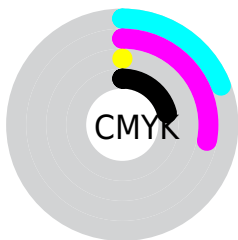
Distribution



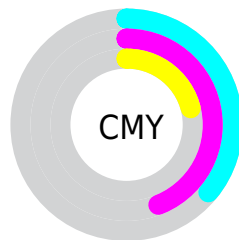
- Red (64%)
- Green (56%)
- Blue (78%)



- Red (64%)
- Yellow (56%)
- Blue (78%)



- Cyan (19%)
- Magenta (28%)
- Yellow (0%)
- Black (21%)





- Cyan (36%)
- Magenta (44%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 32.723, 304.843 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 63, 32.723, 304.843 by changing the saturation by 10% instead.

 63, 32.723,
304.843


 63, 32.723,
304.843


 100, 32.723,
304.843


 53, 32.723,
304.843


 83, 32.723,
304.843

 43, 32.723,
304.843

 93, 32.723,
304.843

 33, 32.723,
304.843

 23, 32.723,
304.843

 13, 32.723,
304.843

 3, 32.723, 304.843

 0, 32.723, 304.843

63, 32.723,
304.843

63, 32.723,
304.843

57, 44.903,
305.613

69, 20.879,
304.142

51, 57.318,
306.436

75, 9.418, 303.514

45, 69.741,
307.272

82, 1.654, 123.008

40, 81.742,
308.050

88, 12.345,
122.496

35, 92.587,
308.653

94, 22.671,
122.077

31, 101.232,
308.921

98, 28.088,
117.822

28, 106.888,
308.755

99, 27.629,
108.079

28, 107.663,

Harmonies

Complementary

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



63, 32.723, 304.843



78, 31.002, 121.485

Rectangle

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



63, 32.723, 304.843



63, 32.723, 354.843



63, 32.723, 124.843



63, 32.723, 174.843

Sweetspot

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



63, 32.721, 304.843



93, 12.184, 303.553



72, 16.112, 238.883



49, 8.487, 303.642



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 32.721, 304.843



74, 48.001, 305.298



66, 35.815, 321.084



39, 6.277, 303.568



22, 92.340, 308.877



2, 21.874, 300.520

Inverse Universe

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



66, 29.754, 337.793



79, 43.171, 338.307



76, 35.444, 138.255



39, 5.842, 336.291



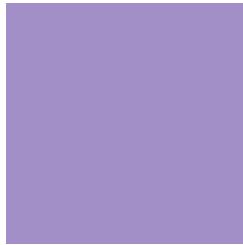
36, 64.888, 347.180



4, 20.004, 342.639

Previews

White Background



This preview shows how the CIELCh color 63, 32.723, 304.843 looks on a white background.

Color Contrast Check

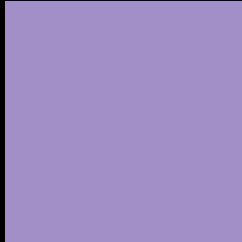
Large Text (above 18pt) WCAG AA × Fail

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 63, 32.723, 304.843 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 ✓ Pass

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

CIELCh 63, 32.723, 304.843

Background



This preview shows how black text looks on a background with the CIELCh color 63, 32.723, 304.843.



This preview shows how white text looks on a background with the CIELCh color 63, 32.723, 304.843.

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
63, 32.723, 304.843

Protanopia
63, 30.915, 285.105

Deuteranopia
63, 27.470, 287.578



Tritanopia
63, 7.123, 309.376

Trichromacy



Original Color
63, 32.723, 304.843

Protanomaly
63, 31.349, 292.289

Deuteranomaly
63, 28.578, 293.864

Tritanomaly
63, 16.168, 304.809

Monochromacy



Original Color
63, 32.723, 304.843

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 11.518, 304.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 32.723, 304.843 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(162, 143, 200)` looks like.

```
.text, #text, p{  
    color:rgb(162, 143, 200)  
}
```

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(162, 143, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 143, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 32.723, 304.843 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(162, 143, 200) }
```

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

```
.border{ border-color:rgb(162, 143, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 143, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 143, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 143, 200);  
box-shadow:4px 4px 4px 4px rgb(162, 143,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 32.723, 304.843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 143, 200) }
```

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

```
.background{ background-color: rgb(162,  
143, 200) }
```

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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