

Converting Colors

CIELCh(64, 30.445, 300.160)

Have a look what the booklet for
CIELCh(64, 30.445, 300.160)
contains.

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Color

CIELCh(64, 30.484, 300.280)

Conversions

Conversions Part 1

Format	Color
Hex	9F94CA
RGB	159, 148, 202
RGB Percent	62%, 58%, 79%
CMY	0.3766, 0.4197, 0.2080
CMYK	0.21, 0.27, 0.00, 0.21
HSL	252°, 34%, 69%
HSV	252°, 27%, 79%
XYZ	35.5348, 32.8017, 60.3163
YIQ	157.4450, -10.7780, 19.1260

Conversions

Conversions Part 2

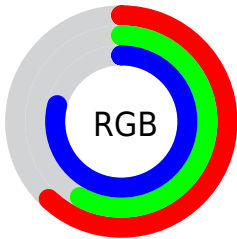
Format	Color
R_{YB}	159, 148, 202
Decimal	10458314
CIE _{Lab}	64.00, 15.37, -26.33
CIE _{LCh}	64, 30.484, 300.280
Yxy	32.8017, 0.2762, 0.2550
Android (android.graphics.Color)	4288648394 (0xFF9F94CA)
YUV	157.4450, 21.9656, 1.3637
Hunter-Lab	57.2727, 10.5228, -22.3499

Details

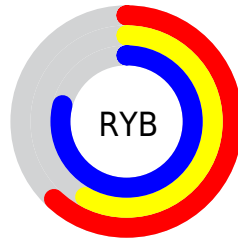
The CIELCh color $64, 30.484, 300.280$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $79, 28.751, 116.323$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 28.383, 300.558$, and $44, 30.883, 300.725$ is the 20% darker color. If you saturate the color by 10%, you get $58, 42.677, 301.300$, and if you desaturate by 10%, it is $70, 18.721, 299.382$.

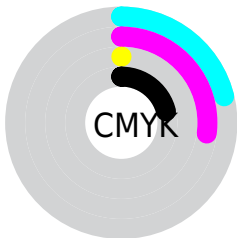
Distribution



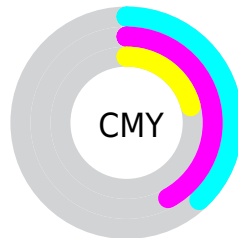
- Red (62%)
- Green (58%)
- Blue (79%)



- Red (62%)
- Yellow (58%)
- Blue (79%)



- Cyan (21%)
- Magenta (27%)
- Yellow (0%)
- Black (21%)




- Cyan (38%)
- Magenta (42%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 30.484, 300.280 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 64, 30.484, 300.280 by changing the saturation by 10% instead.

 64, 30.484,
300.280

 64, 30.484,
300.280


 100, 30.484,
300.280


 54, 30.484,
300.280


 84, 30.484,
300.280

 44, 30.484,
300.280

 94, 30.484,
300.280

 34, 30.484,
300.280

 24, 30.484,
300.280

 14, 30.484,
300.280

 4, 30.484, 300.280

 0, 30.484, 300.280

64, 30.484,
300.280

64, 30.484,
300.280

58, 42.677,
301.300

70, 18.721,
299.382

51, 55.253,
302.437

77, 7.397, 298.600

45, 68.058,
303.663

83, 3.506, 117.930

39, 80.739,
304.908

90, 14.008,
117.346

34, 92.584,
306.042

96, 24.136,
116.845

30, 102.414,
306.865

99, 26.750,
108.147

27, 108.891,
307.172

26, 110.587,

Harmonies

Complementary

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



64, 30.484, 300.280



79, 28.751, 116.323

Rectangle

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



64, 30.484, 300.280



64, 30.484, 350.280



64, 30.484, 120.280



64, 30.484, 170.280

Sweetspot

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



64, 30.482, 300.279



94, 10.643, 298.701



75, 15.513, 220.637



49, 7.584, 298.815



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 30.482, 300.279



75, 44.565, 300.847



66, 32.817, 316.871



39, 6.311, 298.797



20, 95.349, 307.346



2, 23.726, 297.684

Inverse Universe

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



68, 30.768, 332.363



80, 44.426, 332.752



77, 32.170, 134.482



40, 6.544, 331.212



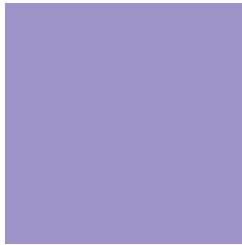
37, 71.574, 338.282



5, 24.582, 335.558

Previews

White Background



This preview shows how the CIELCh color 64, 30.484, 300.280 looks on a white background.

Color Contrast Check

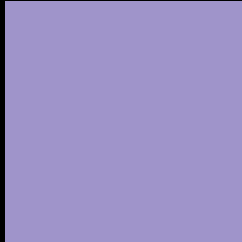
Large Text (above 18pt) WCAG AA × Fail

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 64, 30.484, 300.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

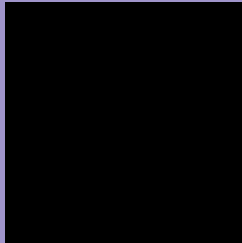
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 30.484, 300.280

Background



This preview shows how black text looks on a background with the CIELCh color 64, 30.484, 300.280.



This preview shows how white text looks on a background with the CIELCh color 64, 30.484, 300.280.

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


64, 30.484, 300.280

Protanopia

64, 29.717, 285.173

Deuteranopia

64, 27.366, 288.888



Tritanopia
64, 6.720, 284.580

Trichromacy



Original Color
64, 30.484, 300.280

Protanomaly
64, 30.141, 290.840

Deuteranomaly
64, 27.916, 293.094

Tritanomaly
64, 15.701, 295.756

Monochromacy



Original Color
64, 30.484, 300.280

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 10.720, 299.162

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 30.484, 300.280 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(159, 148, 202)` looks like.

```
.text, #text, p{  
    color:rgb(159, 148, 202)  
}
```

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(159, 148, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 148, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 30.484, 300.280 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(159, 148, 202) }
```

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

```
.border{ border-color:rgb(159, 148, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 148, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 148, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 148, 202);  
box-shadow:4px 4px 4px 4px rgb(159, 148,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 30.484, 300.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 148, 202) }
```

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

```
.background{ background-color: rgb(159,  
148, 202) }
```

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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