

Converting Colors

CIELCh(64, 35.584, 297.138)

Have a look what the booklet for
CIELCh(64, 35.584, 297.138)
contains.

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Color

CIELCh(64, 35.299, 296.976)

Conversions

Conversions Part 1

Format	Color
Hex	9A94D3
RGB	154, 148, 211
RGB Percent	60%, 58%, 83%
CMY	0.3956, 0.4192, 0.1721
CMYK	0.27, 0.30, 0.00, 0.17
HSL	246°, 42%, 70%
HSV	246°, 30%, 83%
XYZ	35.7250, 32.8017, 66.1498
YIQ	156.9760, -16.6470, 20.8650

Conversions

Conversions Part 2

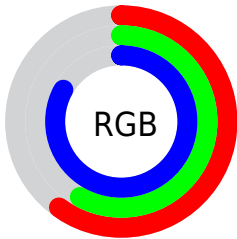
Format	Color
RYB	154, 148, 211
Decimal	10130643
CIELab	64.00, 16.01, -31.46
CIELCh	64, 35.299, 296.976
Yxy	32.8017, 0.2653, 0.2436
Android (android.graphics.Color)	4288320723 (0xFF9A94D3)
YUV	156.9760, 26.6338, -2.6100
Hunter-Lab	57.2727, 11.1155, -28.3888

Details

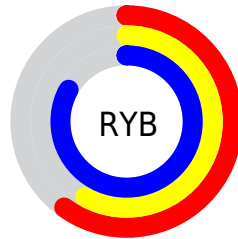
The CIELCh color $64, 35.299, 296.976$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $83, 32.871, 111.470$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 28.190, 297.224$, and $44, 35.460, 297.083$ is the 20% darker color. If you saturate the color by 10%, you get $57, 48.099, 298.338$, and if you desaturate by 10%, it is $71, 22.995, 295.795$.

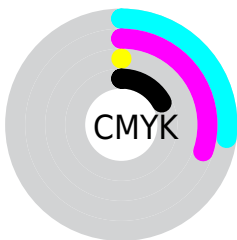
Distribution



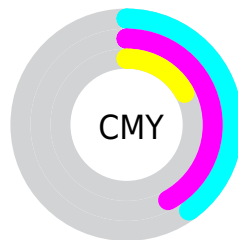
- Red (60%)
- Green (58%)
- Blue (83%)



- Red (60%)
- Yellow (58%)
- Blue (83%)



- Cyan (27%)
- Magenta (30%)
- Yellow (0%)
- Black (17%)



- Cyan (40%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 35.299, 296.976 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, 35.299, 296.976 by changing the saturation by 10% instead.

■ 64, 35.299,
296.976

■ 64, 35.299,
296.976

■ 100, 35.299,
296.976

■ 54, 35.299,
296.976

■ 84, 35.299,
296.976

■ 44, 35.299,
296.976

■ 94, 35.299,
296.976

■ 34, 35.299,
296.976

■ 24, 35.299,
296.976

■ 14, 35.299,
296.976

■ 4, 35.299, 296.976

■ 0, 35.299, 296.976

64, 35.299,
296.976

64, 35.299,
296.976

57, 48.099,
298.338

71, 22.995,
295.795

50, 61.355,
299.878

78, 11.184,
294.781

44, 74.889,
301.560

85, 0.163, 113.731

38, 88.237,
303.280

92, 11.076,
113.166

33, 100.421,
304.844

98, 21.586,
112.534

29, 109.847,
305.974

99, 22.170,
108.498

26, 115.452,
306.552

26, 115.529,

306.562

Harmonies

Complementary

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



64, 35.299, 296.976



83, 32.871, 111.470

Rectangle

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



64, 35.299, 296.976



64, 35.299, 346.976



64, 35.299, 116.976



64, 35.299, 166.976

Sweetspot

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



64, 35.298, 296.976



93, 11.901, 294.712



79, 19.226, 206.520



48, 8.293, 294.849



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, 35.298, 296.976



71, 50.301, 297.847



67, 37.198, 313.258



40, 6.390, 294.740



20, 97.496, 306.623



2, 25.638, 295.631

Inverse Universe

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



69, 38.336, 328.857



79, 53.671, 329.239



81, 35.974, 130.568



41, 7.207, 327.646



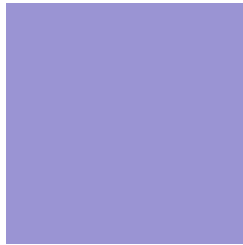
39, 78.602, 332.398



5, 28.924, 331.158

Previews

White Background



This preview shows how the CIELCh color 64, 35.299, 296.976 looks on a white background.

Color Contrast Check

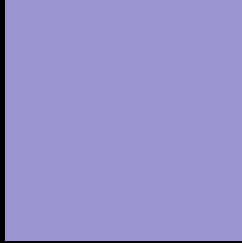
Large Text (above 18pt) WCAG AA × Fail

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, 35.299, 296.976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

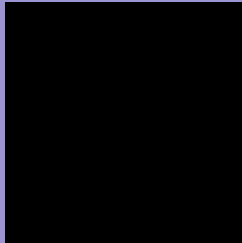
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 35.299, 296.976

Background



This preview shows how black text looks on a background with the CIELCh color 64, 35.299, 296.976.



This preview shows how white text looks on a background with the CIELCh color 64, 35.299, 296.976.

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, 35.299, 296.976

Protanopia

64, 34.764, 285.042

Deuteranopia

64, 31.936, 285.495



Tritanopia
64, 8.034, 264.019

Trichromacy



Original Color
64, 35.299, 296.976

Protanomaly
64, 35.159, 289.710

Deuteranomaly
64, 32.939, 289.709

Tritanomaly
64, 17.333, 287.384

Monochromacy



Original Color
64, 35.299, 296.976

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 12.860, 294.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 35.299, 296.976 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(154, 148, 211)` looks like.

```
.text, #text, p{  
    color:rgb(154, 148, 211)  
}
```

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(154, 148, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 148, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 35.299, 296.976 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(154, 148, 211) }
```

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

```
.border{ border-color:rgb(154, 148, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 148, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 148, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 148, 211);  
box-shadow:4px 4px 4px 4px rgb(154, 148,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 35.299, 296.976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 148, 211) }
```

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

```
.background{ background-color: rgb(154,  
148, 211) }
```

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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