

Converting Colors

CIELCh(64, 31.909, 297.020)

Have a look what the booklet for
CIELCh(64, 31.909, 297.020)
contains.

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Color

CIELCh(64, 31.946, 297.035)

Conversions

Conversions Part 1

Format	Color
Hex	9B95CE
RGB	155, 149, 206
RGB Percent	61%, 58%, 81%
CMY	0.3932, 0.4167, 0.1932
CMYK	0.25, 0.28, 0.00, 0.19
HSL	246°, 37%, 70%
HSV	246°, 28%, 81%
XYZ	35.2837, 32.8017, 62.6935
YIQ	157.2920, -14.7210, 18.9990

Conversions

Conversions Part 2

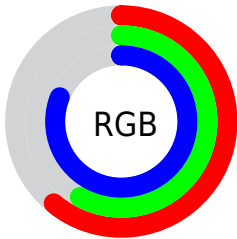
Format	Color
R _Y B	155, 149, 206
Decimal	10196430
CIE _{Lab}	64.00, 14.52, -28.46
CIE _{LCh}	64, 31.946, 297.035
Yxy	32.8017, 0.2698, 0.2508
Android (android.graphics.Color)	4288386510 (0xFF9B95CE)
YUV	157.2920, 24.0130, -2.0101
Hunter-Lab	57.2727, 9.7403, -24.8108

Details

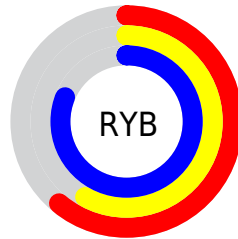
The CIELCh color $64, 31.946, 297.035$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $81, 29.935, 112.075$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 27.640, 297.273$, and $44, 31.882, 297.523$ is the 20% darker color. If you saturate the color by 10%, you get $57, 44.373, 298.326$, and if you desaturate by 10%, it is $71, 20.002, 295.916$.

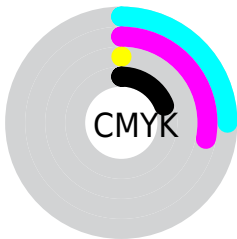
Distribution



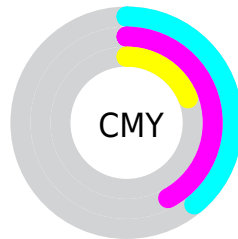
- Red (61%)
- Green (58%)
- Blue (81%)



- Red (61%)
- Yellow (58%)
- Blue (81%)



- Cyan (25%)
- Magenta (28%)
- Yellow (0%)
- Black (19%)





- Cyan (39%)
- Magenta (42%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 31.946, 297.035 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, 31.946, 297.035 by changing the saturation by 10% instead.


 64, 31.946,
297.035


 64, 31.946,
297.035


 100, 31.946,
297.035


 54, 31.946,
297.035


 84, 31.946,
297.035

 44, 31.946,
297.035

 94, 31.946,
297.035

 34, 31.946,
297.035

 24, 31.946,
297.035

 14, 31.946,
297.035

 4, 31.946, 297.035

 0, 31.946, 297.035

64, 31.946,
297.035

64, 31.946,
297.035

57, 44.373,
298.326

71, 20.002,
295.916

51, 57.256,
299.791

78, 8.532, 294.957

84, 2.491, 114.121

44, 70.457,
301.403

91, 13.098,
113.426

38, 83.602,
303.077

97, 23.316,
112.825

33, 95.876,
304.647

99, 24.868,
108.291

29, 105.859,
305.855

26, 112.074,
306.479

26, 113.227,

Harmonies

Complementary

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



64, 31.946, 297.035



81, 29.935, 112.075

Rectangle

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



64, 31.946, 297.035



64, 31.946, 347.035



64, 31.946, 117.035



64, 31.946, 167.035

Sweetspot

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



64, 31.945, 297.035



94, 10.564, 294.992



77, 17.368, 208.398



49, 7.529, 295.130



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, 31.945, 297.035



74, 45.838, 297.751



66, 33.841, 313.698



39, 6.265, 295.109



20, 96.325, 306.675



2, 23.609, 295.161

Inverse Universe

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



69, 34.629, 329.041



80, 48.986, 329.380



79, 32.861, 131.233



40, 7.014, 327.946



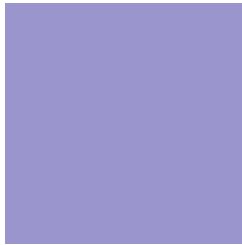
38, 77.135, 332.875



5, 26.670, 331.220

Previews

White Background



This preview shows how the CIELCh color 64, 31.946, 297.035 looks on a white background.

Color Contrast Check

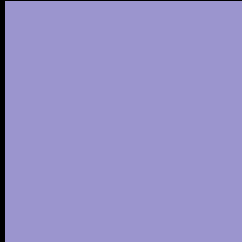
Large Text (above 18pt) WCAG AA × Fail

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, 31.946, 297.035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

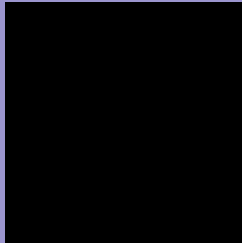
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 31.946, 297.035

Background



This preview shows how black text looks on a background with the CIELCh color 64, 31.946, 297.035.



This preview shows how white text looks on a background with the CIELCh color 64, 31.946, 297.035.

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

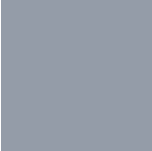
64, 31.946, 297.035

Protanopia

64, 31.390, 285.275

Deuteranopia

64, 29.075, 286.788



Tritanopia
64, 7.244, 267.046

Trichromacy



Original Color
64, 31.946, 297.035

Protanomaly
64, 31.821, 290.009

Deuteranomaly
64, 30.141, 290.840

Tritanomaly
64, 16.204, 288.157

Monochromacy



Original Color
64, 31.946, 297.035

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 11.748, 294.970

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 31.946, 297.035 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(155, 149, 206)` looks like.

```
.text, #text, p{  
    color:rgb(155, 149, 206)  
}
```

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(155, 149, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 149, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 31.946, 297.035 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(155, 149, 206) }
```

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

```
.border{ border-color:rgb(155, 149, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 149, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 149, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 149, 206); box-shadow:4px 4px 4px 4px rgb(155, 149, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 31.946, 297.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 149, 206) }
```

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

```
.background{ background-color: rgb(155,  
149, 206) }
```

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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