

Converting Colors

CIELCh(64, 33.866, 297.021)

Have a look what the booklet for
CIELCh(64, 33.866, 297.021)
contains.

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Color

CIELCh(64, 34.195, 296.993)

Conversions

Conversions Part 1

Format	Color
Hex	9A94D1
RGB	154, 148, 209
RGB Percent	60%, 58%, 82%
CMY	0.3948, 0.4184, 0.1791
CMYK	0.26, 0.29, 0.00, 0.18
HSL	246°, 40%, 70%
HSV	246°, 29%, 82%
XYZ	35.5791, 32.8017, 64.9985
YIQ	156.7480, -16.0050, 20.2430

Conversions

Conversions Part 2

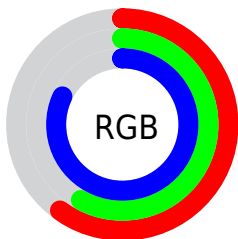
Format	Color
RYB	154, 148, 209
Decimal	10130641
CIELab	64.00, 15.52, -30.47
CIELCh	64, 34.195, 296.993
Yxy	32.8017, 0.2668, 0.2459
Android (android.graphics.Color)	4288320721 (0xFF9A94D1)
YUV	156.7480, 25.7602, -2.4100
Hunter-Lab	57.2727, 10.6609, -27.1969

Details

The CIELCh color `64, 34.195, 296.993` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `82, 31.908, 111.667`, 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, 34.282, 297.034` is the 20% darker color. If you saturate the color by 10%, you get `57, 46.873, 298.331`, and if you desaturate by 10%, it is `71, 22.010, 295.832`.

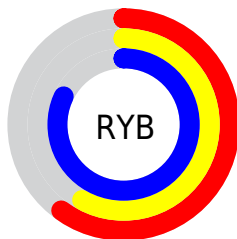
Distribution



Red (60%)

Green (58%)

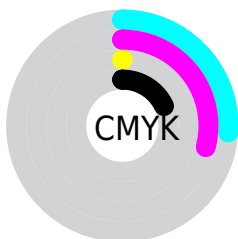
Blue (82%)



Red (60%)

Yellow (58%)

Blue (82%)

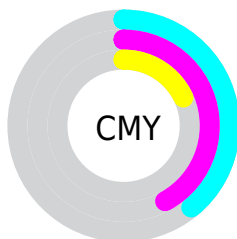


Cyan (26%)

Magenta (29%)

Yellow (0%)

Black (18%)



Cyan (39%)


Magenta (42%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 34.195, 296.993 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, 34.195, 296.993 by changing the saturation by 10% instead.


 64, 34.195,
296.993


 64, 34.195,
296.993


 100, 34.195,
296.993


 54, 34.195,
296.993


 84, 34.195,
296.993

 44, 34.195,
296.993

 94, 34.195,
296.993

 34, 34.195,
296.993

 24, 34.195,
296.993

 14, 34.195,
296.993

 4, 34.195, 296.993

 0, 34.195, 296.993

64, 34.195,
296.993

64, 34.195,
296.993

57, 46.873,
298.331

71, 22.010,
295.832

50, 60.006,
299.847

78, 10.311,
294.837

44, 73.432,
301.506

85, 0.929, 113.951

38, 86.719,
303.212

91, 11.741,
113.250

33, 98.940,
304.780

98, 22.156,
112.627

29, 108.561,
305.937

99, 23.059,
108.430

26, 114.350,
306.526

26, 114.773,

Harmonies

Complementary

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



64, 34.195, 296.993



82, 31.908, 111.667

Rectangle

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



64, 34.195, 296.993



64, 34.195, 346.993



64, 34.195, 116.993



64, 34.195, 166.993

Sweetspot

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



64, 34.194, 296.993



93, 11.903, 294.832



79, 18.702, 206.522



48, 8.294, 294.969



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, 34.194, 296.993



72, 48.807, 297.808



67, 36.060, 313.224



40, 6.391, 294.860



20, 97.473, 306.638



2, 25.641, 295.712

Inverse Universe

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



69, 37.116, 328.917



79, 52.112, 329.284



80, 34.902, 130.603



41, 7.191, 327.743



39, 78.407, 332.554



5, 28.852, 331.282

Previews

White Background



This preview shows how the CIELCh color 64, 34.195, 296.993 looks on a white background.

Color Contrast Check

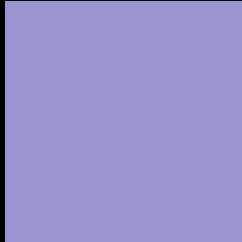
Large Text (above 18pt) WCAG AA × Fail

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, 34.195, 296.993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

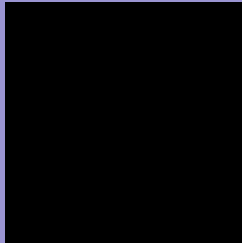
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 34.195, 296.993

Background



This preview shows how black text looks on a background with the CIELCh color 64, 34.195, 296.993.



This preview shows how white text looks on a background with the CIELCh color 64, 34.195, 296.993.

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, 34.195, 296.993

Protanopia

64, 33.641, 285.099

Deuteranopia

64, 30.810, 285.620



Tritanopia
64, 8.034, 264.019

Trichromacy



Original Color
64, 34.195, 296.993

Protanomaly
64, 34.058, 289.444

Deuteranomaly
64, 31.821, 290.009

Tritanomaly
64, 17.333, 287.384

Monochromacy



Original Color
64, 34.195, 296.993

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 12.304, 294.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 34.195, 296.993 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(154, 148, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 148, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 34.195, 296.993 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, 209) }
```

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

```
.border{ border-color:rgb(154, 148, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 148, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 148, 209);  
box-shadow:4px 4px 4px 4px rgb(154, 148,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 34.195, 296.993 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, 209) }
```

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

```
.background{ background-color: rgb(154,  
148, 209) }
```

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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