

Converting Colors

CIELCh(64, 25.342, 294.424)

Have a look what the booklet for
CIELCh(64, 25.342, 294.424)
contains.

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Color

CIELCh(64, 25.158, 294.360)

Conversions

Conversions Part 1

Format	Color
Hex	9997C4
RGB	153, 151, 196
RGB Percent	60%, 59%, 77%
CMY	0.4008, 0.4086, 0.2322
CMYK	0.22, 0.23, 0.00, 0.23
HSL	243°, 28%, 68%
HSV	243°, 23%, 77%
XYZ	34.0772, 32.8017, 56.6405
YIQ	156.7280, -13.2530, 14.4190

Conversions

Conversions Part 2

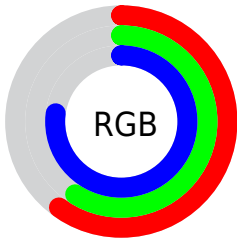
Format	Color
R_{YB}	153, 151, 196
Decimal	10065860
CIE _{Lab}	64.00, 10.38, -22.92
CIE _{LCh}	64, 25.158, 294.360
Yxy	32.8017, 0.2759, 0.2656
Android (android.graphics.Color)	4288255940 (0xFF9997C4)
YUV	156.7280, 19.3611, -3.2695
Hunter-Lab	57.2727, 5.9799, -18.5446

Details

The CIELCh color `64, 25.158, 294.360` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `78, 23.848, 109.872`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 25.396, 294.550`, and `44, 25.217, 294.456` is the 20% darker color. If you saturate the color by 10%, you get `57, 36.868, 295.726`, and if you desaturate by 10%, it is `71, 13.923, 293.191`.

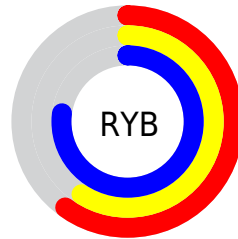
Distribution



Red (60%)

Green (59%)

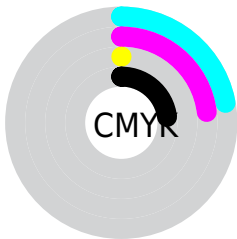
Blue (77%)



Red (60%)

Yellow (59%)

Blue (77%)

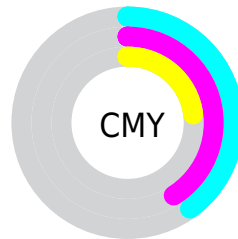


Cyan (22%)

Magenta (23%)

Yellow (0%)

Black (23%)



Cyan (40%)

Magenta (41%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 25.158, 294.360 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, 25.158, 294.360 by changing the saturation by 10% instead.

 64, 25.158,
294.360

 64, 25.158,
294.360


 100, 25.158,
294.360


 54, 25.158,
294.360


 84, 25.158,
294.360

 44, 25.158,
294.360

 94, 25.158,
294.360

 34, 25.158,
294.360

 24, 25.158,
294.360

 14, 25.158,
294.360

 4, 25.158, 294.360

 0, 25.158, 294.360

64, 25.158,
294.360

64, 25.158,
294.360

57, 36.868,
295.726

71, 13.923,
293.191

51, 49.064,
297.306

77, 3.138, 292.206

84, 7.230, 111.336

44, 61.693,
299.094

90, 17.211,
110.616

38, 74.541,
301.033

96, 26.833,
109.998

33, 87.055,
302.986

99, 29.828,
107.910

28, 98.093,
304.706

25, 105.964,
305.877

24, 109.470,

Harmonies

Complementary

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



64, 25.158, 294.360



78, 23.848, 109.872

Rectangle

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



64, 25.158, 294.360



64, 25.158, 344.360



64, 25.158, 114.360



64, 25.158, 164.360

Sweetspot

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



64, 25.157, 294.359



94, 9.203, 292.590



76, 14.983, 201.411



50, 5.986, 292.650



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, 25.157, 294.359



77, 38.424, 295.080



66, 26.496, 311.267



37, 5.989, 292.813



18, 94.483, 306.442



1, 19.493, 292.335

Inverse Universe

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



68, 28.781, 326.920



83, 43.424, 327.224



76, 25.740, 129.197



38, 7.011, 326.146



38, 79.040, 330.057



4, 23.244, 327.850

Previews

White Background



This preview shows how the CIELCh color 64, 25.158, 294.360 looks on a white background.

Color Contrast Check

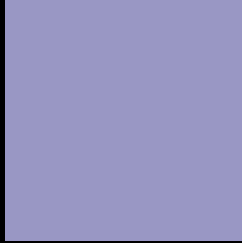
Large Text (above 18pt) WCAG AA × Fail

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, 25.158, 294.360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

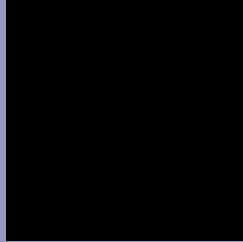
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 25.158, 294.360

Background



This preview shows how black text looks on a background with the CIELCh color 64, 25.158, 294.360.



This preview shows how white text looks on a background with the CIELCh color 64, 25.158, 294.360.

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

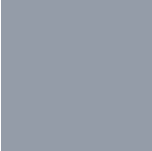
64, 25.158, 294.360

Protanopia

64, 25.199, 285.994

Deuteranopia

64, 24.559, 290.396



Tritanopia
64, 7.244, 267.046

Trichromacy



Original Color
64, 25.158, 294.360

Protanomaly
64, 25.136, 288.997

Deuteranomaly
64, 24.553, 291.178

Tritanomaly
64, 13.436, 285.506

Monochromacy



Original Color
64, 25.158, 294.360

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 8.918, 291.131

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 25.158, 294.360 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(153, 151, 196)` looks like.

```
.text, #text, p{  
    color:rgb(153, 151, 196)  
}
```

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(153, 151, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 151, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 25.158, 294.360 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(153, 151, 196) }
```

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

```
.border{ border-color:rgb(153, 151, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 151, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 151, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 151, 196);  
box-shadow:4px 4px 4px 4px rgb(153, 151,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 25.158, 294.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 151, 196) }
```

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

```
.background{ background-color: rgb(153,  
151, 196) }
```

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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